

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED “EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA”

Nº 2. Septiembre 2007.

EDITORIAL

En este segundo número del Boletín incluimos a modo de Editorial dos documentos producidos durante actividades de la Red. El primer documento, denominado por sus autores “*Síntesis de conclusión*”, refleja los puntos de vista emanados del II SIMPOSIO TALLER. Efectuado en Heredia, Costa Rica, del 25 al 27 de Julio 2007. Se centra en el cambio climático y el secuestro de carbono, enfocado casi por completo en los llamados Mecanismos de Desarrollo Limpio MDL. El Segundo texto es producto de las deliberaciones finales de las JORNADAS IBEROAMERICANAS SOBRE LOS EFECTOS DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES. Que se realizó en La Antigua, Guatemala, del 9-13/07/2007. Este documento es un listado de necesidades que se consideran prioritarias para entender, evaluar, prevenir, mitigar y corregir los efectos de los cambios globales en los humedales de la región.

II Simposio Taller. Heredia, Costa Rica, 25 - 27 de Julio 2007
RED 406RT0285

SÍNTESIS DE CONCLUSIÓN

Compiladores

Carlos Welsh, México
Patricia Kumpus, Argentina
Fernando Ortega, Cuba

Introducción

Ante el nivel de confianza que manifestó el Panel Intergubernamental de Cambio

Climático (PICC) en su cuarto informe, es necesario iniciar estrategias de difusión sobre los impactos que tendrá en latitudes medias, las más castigadas de las últimas décadas por un gran número de adversidades sociales y económicas.

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HUMEDALES Y CAMBIOS GLOBALES.

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Este boletín es editado con apoyo
de ConocoPhillips Latinoamérica.

Coordinador de la Red.

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Es conveniente profundizar en la investigación sobre medidas de adaptación y mitigación del cambio climático, especialmente es países como los que participan de este simposio-taller,

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los cuales deben ir promovidos bajo un compromiso de mediano plazo junto con los organismos internacionales encargados de hacer la política pública relacionada con el cambio climático.

Como comunidad científica reconocemos que estamos promoviendo eventos que contribuyen con las emisiones de carbono, por lo cual hemos de comprometernos para conseguir cada vez más eventos académicos libres de carbono, promoviendo la implementación de mecanismos transparentes de adquisición de certificados de carbono, bajo una etiqueta de “*Carbono Neutral*”, que asegure una minimización del impacto del evento. Esto es una deuda que hemos adquirido con todos los participantes del simposio-taller.

Conclusiones breves

Este simposio mostró que se tienen progresos evidentes alrededor de la construcción del conocimiento del cambio climático en varios países, se inician estudios de los impactos en diverso sectores, sobre todo aquellos más sensibles a este fenómeno como el agrícola.

Para elevar la confianza de los estudios en todas las áreas es necesario contar con datos de calidad, sobre todo de la parte oceánica, la variabilidad climática y de la paleoclimatología, aunque esta última parece observar con mayor detenimiento los pulsos del cambio climático por la diferencia de escala temporal con la cual se trabaja.

Durante el Pleistoceno ocurrieron cambios tan o más drásticos en cuanto a la temperatura que los pronosticados en las próximas décadas por el IPCC. En

ese caso hubo extinciones, desplazamientos y también ejemplos de tolerancia. En síntesis las respuestas de las especies son múltiples y los modelos entonces del comportamiento de los ecosistemas se tornan muy complejos. A esto se suma que en la actualidad el peligro radica en el grado de fragmentación que presentan los ecosistemas y las innumerables barreras para el desplazamiento y migración de especies.

Para conseguir el empoderamiento de las estrategias y medidas de mitigación necesita una comunicación ágil, sencilla y amigable que permita incluir las experiencias de grupos locales para propiciar el éxito de las mismas.

Existen temas sensibles que deben generar una agenda que favorezca el diálogo ciencia-política, sobre todo con el propósito de diferenciar entre variabilidad climática y cambio climático, para que la toma de decisiones sea apegada a criterios científicos.

Mecanismos para el secuestro de Carbono

Los MDL constituyen una alternativa para propiciar que las tendencias de cambio en el uso de suelo puedan revertirse y así se contribuya al secuestro de carbono, sin embargo mientras los mecanismos para acceder a los MDL sigan siendo tan poco flexibles para los países del sur, no serán una alternativa eficaz. Las energías renovables son una alternativa viable de corto plazo para obtener beneficios de los MDL. Los MDL son una herramienta real a la hora de hablar de desarrollo sostenible.

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Los bosques por la gran cantidad de servicios que prestan como ecosistema deben estudiarse desde una perspectiva multidisciplinar. El bosque presenta dos aristas a la hora de hablar sobre MDL, la conservación está fuera del proceso (la discusión apenas inicia), mientras que para poder tener reforestaciones a través de MDL se debe comprobar que el suelo ha pasado por procesos de degradación largos y sin usos relacionados al forestal, situación que no le favorece.

Los humedales representan otro ecosistema que ha demostrado una enorme capacidad de resiliencia, su capacidad de amortiguar los impactos de la actividad humana es también motivo de políticas de conservación, que lamentablemente no se han aplicado a nivel global, como sistema es casi perfecto en la captura de carbono. Uno de los impactos del cambio climático es la elevación del nivel del mar, lo que transformará su dinámica y funcionamiento quizás de manera irreversible.

No existe un modelo integral para detallar los impactos de la elevación del mar, es necesario iniciar un plan interdisciplinario para estudiar los efectos y los impactos sobre la vulnerabilidad de los humedales que incluya su capacidad como secuestrador eficiente de carbono.

Ante la mitigación y adaptación ante el cambio climático, es mejor una visión integral para enfrentarlo, aproximarse de forma Ecosistémica es bueno, pero es mejor tener la posibilidad de contar con una escala mayor, donde las respuestas no sean exclusivas, por ejemplo, bosques o humedales, sino una región

que desde todas las posibilidades da una respuesta ante el cambio climático.

Debido a la responsabilidad generacional que tenemos, es preferente dar una señal de alerta ante los posibles impactos y efectos del Cambio Climático, a que debido a la incertidumbre asociada a él se nos catalogue como indolentes.

Principales necesidades detectadas durante las JORNADAS IBEROAMERICANAS SOBRE LOS EFECTOS DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES.

La Antigua, Guatemala, 9-13/07/2007

1. Reconocer y divulgar la importancia, fragilidad, funciones, servicios y valores de los humedales para la humanidad.
2. Considerar que los estudios integrales, transdisciplinarios y de largo plazo (monitoreo) en la región son desiguales. Es necesario incentivar o fortalecer estos estudios a fin de conocer dichos ecosistemas para su conservación y uso racional.
3. Profundizar el conocimiento integral del funcionamiento ecológico de los humedales y las amenazas a las que están sometidos.
4. Obtener información básica sobre temas complejos tales como la variabilidad espacio-temporal, las interrelaciones de los humedales entre sí, con otros sistemas, con el ser humano y sobre las respuestas al cambio global.

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5. Presentar a los tomadores de decisiones políticas y sociedad en general, la problemática de los humedales a través de información argumentada, clara, concisa y en lenguaje comprensible.
6. Lograr financiamiento que permita las investigaciones y posterior gestión de los humedales, especialmente en temas asociados con la seguridad alimentaria, la pesca, el turismo, la calidad de agua y el uso de la tierra de nuestros países.
7. Recomendar la creación, adecuación y cumplimiento del marco legal sobre humedales en Iberoamérica.
8. Contar con nuevas experiencias de rehabilitación de zonas húmedas alteradas.
9. Aplicar las herramientas disponibles para el análisis científico de los impactos ambientales sobre humedales, producidos por efectos antrópicos.
10. Proponer medidas para mitigar los efectos del cambio global en la conservación de los humedales.
11. Actualizar los datos en forma continua, para obtener series de tiempo prolongadas, a fin de estimar los efectos de los cambios globales en los humedales.
12. Diseñar y aplicar nuevos métodos de valoración de los recursos en los humedales.
13. Compartir experiencias, conocimientos y técnicas entre los diferentes especialistas en humedales es apremiante. Son necesarios los intercambios tanto virtuales como reales sobre esta temática entre los países de Iberoamérica
14. Incluir la dimensión ambiental en sus aspectos técnicos, científicos y socioeconómicos, como un componente fundamental en los proyectos que impliquen transformaciones de estos ecosistemas.

ARTÍCULOS

Durante las Jornadas de julio en La Antigua se evidenció la utilidad de los sensores remotos para el estudio de la dinámica, tanto natural y cíclica, como inducida en los humedales. A raíz de esto el Dr. Carlos Padovani de Brasil nos envió un “paso a paso” para bajar imágenes de dos satélites que están disponibles. En correspondencia el editor presenta algunas fuentes a sensores remotos para zonas marinas. Esperamos que sean útiles y ojala sean usadas por cada día más investigadores y gestores de humedales en Iberoamérica. Entendemos que el formato no es el más adecuado con las imágenes pero es el más cómodo para llegar a una amplia distribución.

CARLOS PADOVANI.
PESQUISADOR DE EMBRAPA,
PANTANAL
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PASSO A PASSO: DOWNLOAD DE IMAGENS MODIS

PASSO 1 - Entrar na página inicial. Coloque na barra de endereços o seguinte link:

<http://edcimswww.cr.usgs.gov/pub/imswelcome/>

Se for um novo usuário, criar uma conta clicando em Become a Registered User. Se já possuir uma conta fazer um Login clicando em Enter as a Registered User.

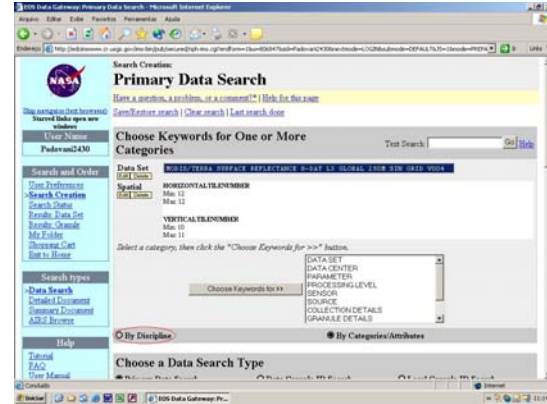


PASSO 2 – Digitar Login e senha na janela que aparecer. OK

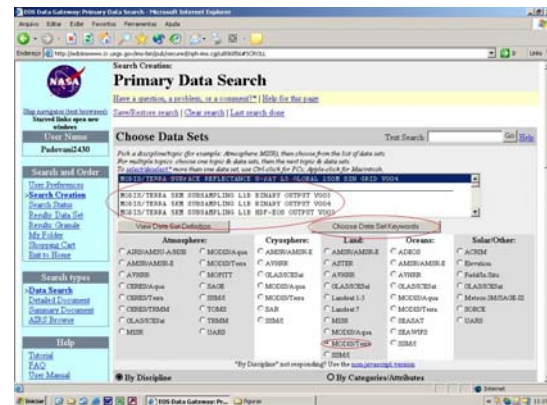


PASSO 3 – Clicar em By Discipline para ir para a próxima etapa e escolher o tipo de Imagem. Ex.: MODIS/TERRA –

Vegetation Indices 16-day L3 Global 250m Sin Grid V004.



Clique em Choose Data Set Keywords para ir para a próxima etapa.



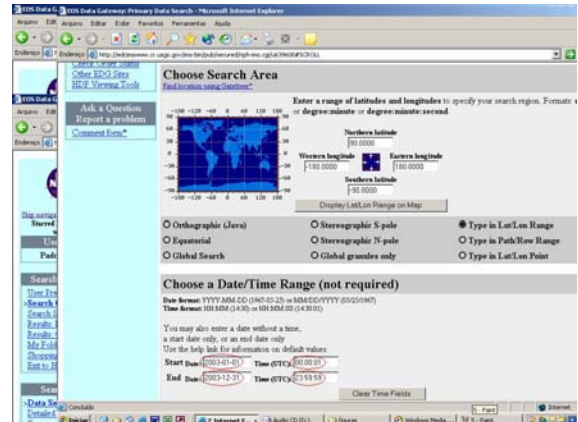
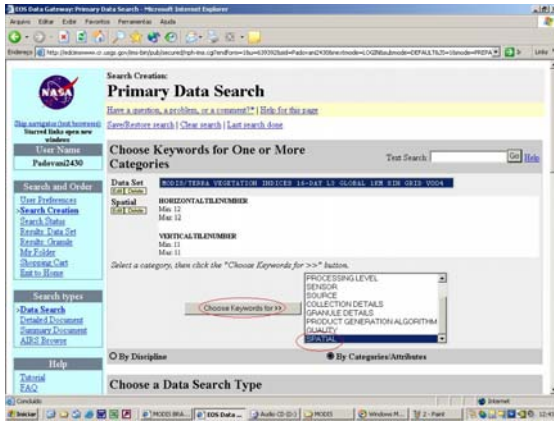
PASSO 4 – Clique em Spatial e em seguida em Choose Keywords for. Para escolher a sua área de trabalho, a qual se obterá a Imagem. Nessa etapa há a possibilidade de se escolher a área por “TILES”, necessitando-se o conhecimento prévio da identificação do seu ‘Tile’.

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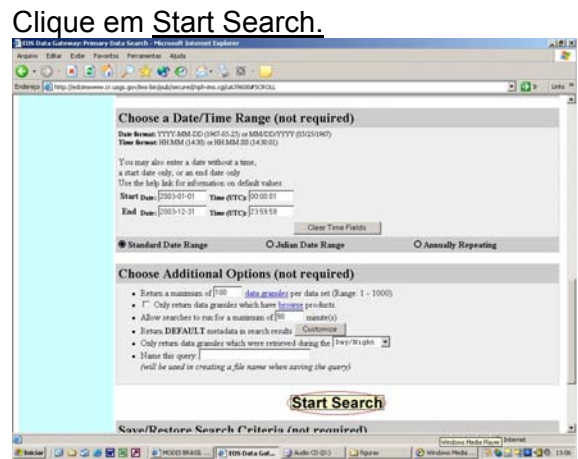
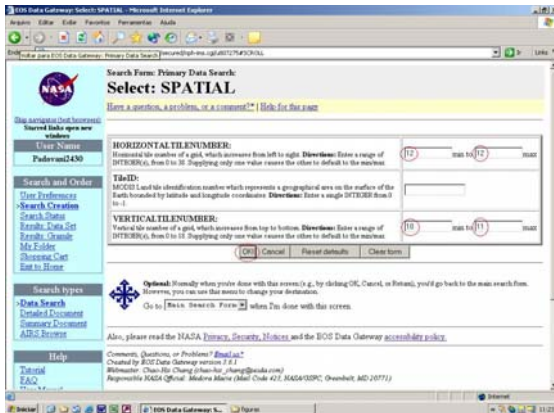


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PASSO 5 – Escolha o seu ‘Tile’, e de OK.



PASSO 6 – Na página seguinte desça a barra de rolagem até Choose a Date/Time Range (not required) e defina sua data específica. Nota: Nessa etapa recomenda-se colocar horário 00:00:01 em START e 23:59:59 em END.

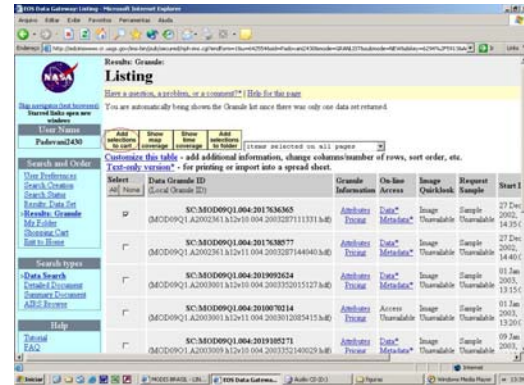
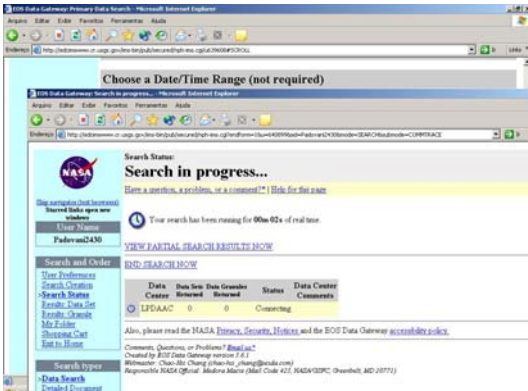
PASSO 7 – Aguarde a procura.

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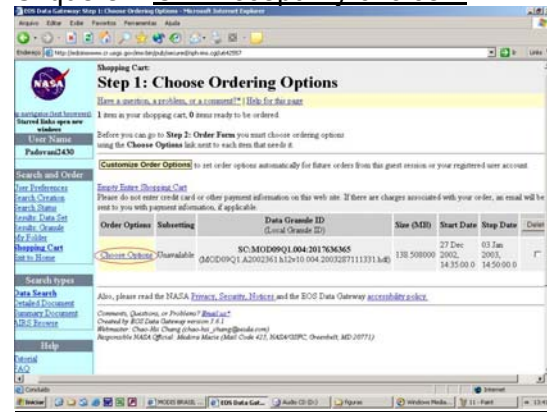
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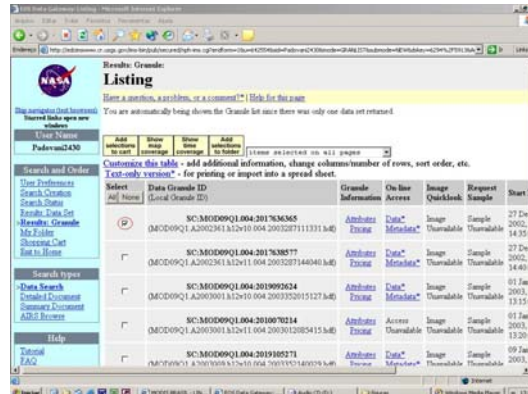


PASSO 9 – Agora a página estará mostrando apenas as imagens selecionadas.

Clique em Choose Options. Digite no espaço ao lado de Additional Info: passive. E selecione FtpPull/FileFormat. Clique em OK! Accept my choice...



PASSO 8 – As Imagens disponíveis aparecerão. Marque as que forem de interesse e em seguida clique em Add selections to cart.

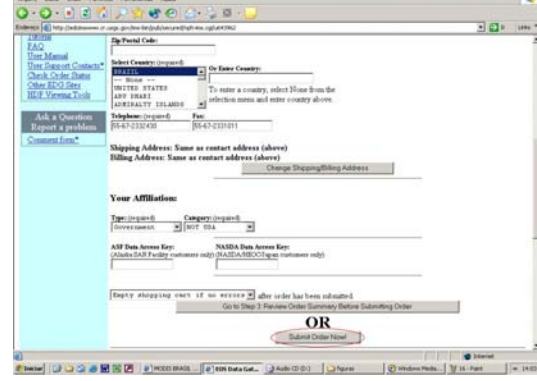
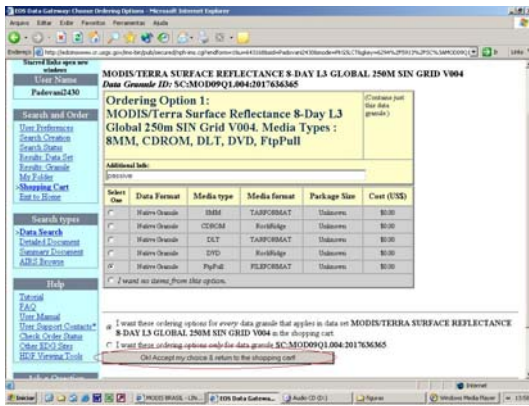
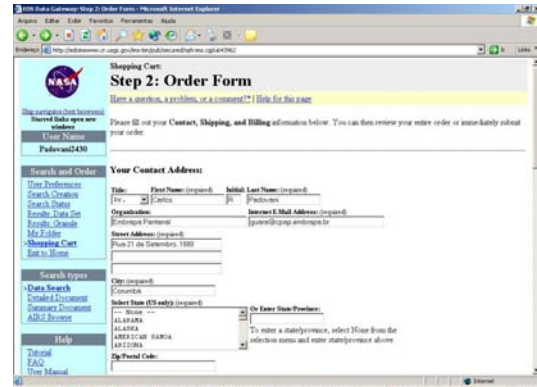
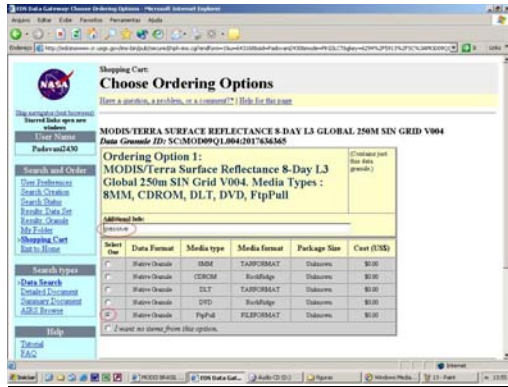


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PASSO 10 – A Imagem aparecerá listada contendo a nova informação: FtpPull. Clique em Go to Step 2: Order Form.

Aguarde o pedido terminar e receberá um e-mail de confirmação e outro com o endereço para ter acesso à imagem.



PASSO 11 – Confira seus dados e clique em Submit Order Now.

OBS: baixar imagens de 8 dias índice de vegetação.....e diária reflectance

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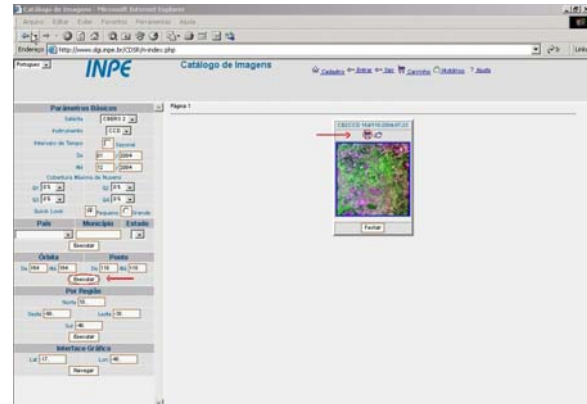
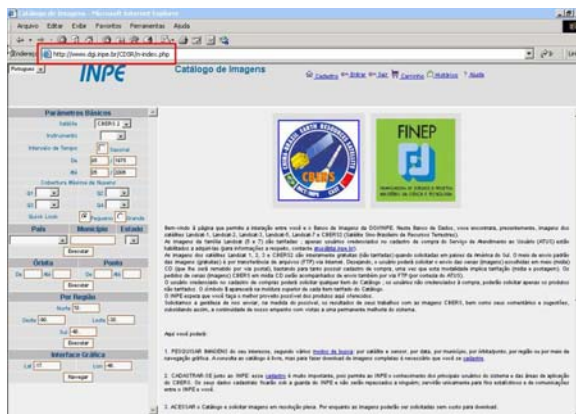
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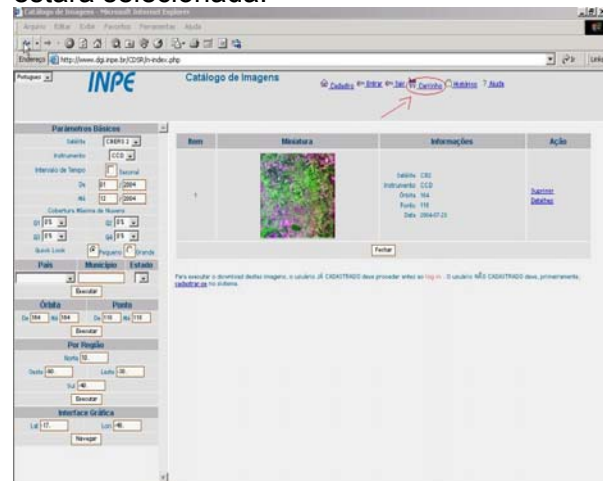
Steps to download C-BERS imagery C. PADOVANI

STEP 1 – Go to :

<http://www.dgi.inpe.br/CDSR/>



PASSO 3 – Para verificar a sua escolha vá até o carrinho. Note, sua imagem já estará selecionada.



STEP 2 – Make your choice for satellite, sensor (instrument), date, and cloud coverage. After, make your choice for image location by: municipality (not your case) , path/row, or graphic interface.

Ex. Satélite – Cbers 2

Instrumento – CCD

Data: De – 01/2004 a 12/2004

(MM/AAAA)

Cobertura de nuvens – 0%, 0%, 0%, 0%

Área por órbita/ponto – Órbita de 164 a 164

Ponto de 118 a 118.

EXECUTAR

The available imagery will appear on the screen. Click in the “carrinho” to add to your list in the cart to add to your list that you are interested in.

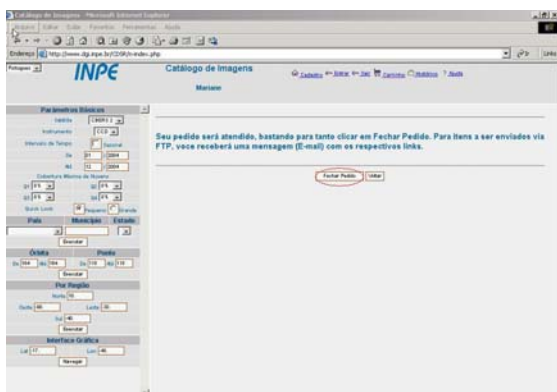
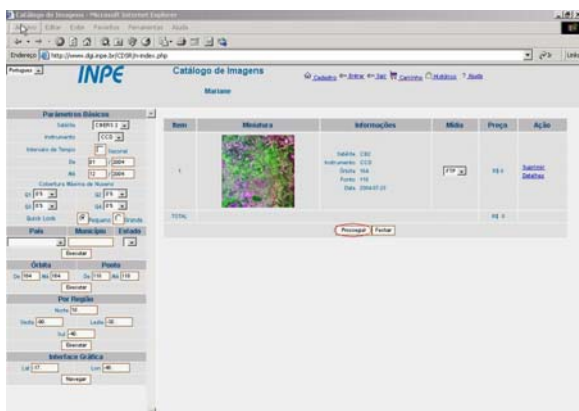
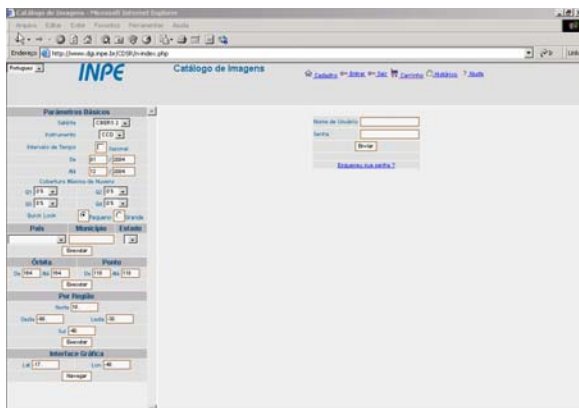
PASSO 4 – Faça o Login e volte ao carrinho. Clique em Prosseguir. Clique em Fechar Pedido.

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ALGUNAS FUENTES DE SENSORES REMOTOS ESPECIALMENTE MARINO COSTEROS.

J. Buitrago

Los sensores remotos marinos, salvo excepciones se enfocan al estudio de fenómenos más globales, por lo que tienen un tamaño de píxel que suele ser del orden de kilómetros y no de metros como suele ser necesario para el estudio de humedales. Otra característica importante es que en su mayoría las características que se observan se refieren a aguas oceánicas y en las zonas costeras someras no son validos.

Sin embargo, en varios casos anomalías oceánicas de gran escala como núcleos de aguas frías, marejadas etc. han sido la explicación de mortalidades masivas, cambios en estructura o alteración física de humedales costeros. Por ejemplo, se ha encontrado que la presencia e intensidad de giros oceánicos, observables con imágenes de altimetría como las mostradas más abajo, condicionan el reclutamiento de organismos a zonas arrecifales.

Esta lista que no pretende ser inclusiva muestra algunas de las herramientas disponibles.

Esta lista que no pretende ser inclusiva muestra algunas de las herramientas disponibles.

<http://www.cioh.org.co/cedat/>

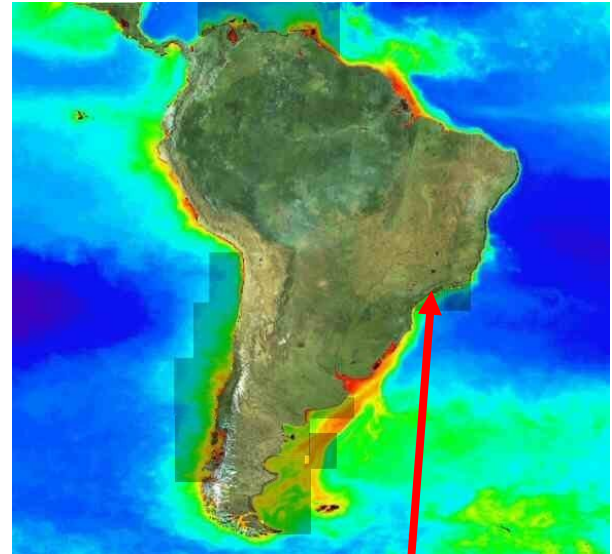
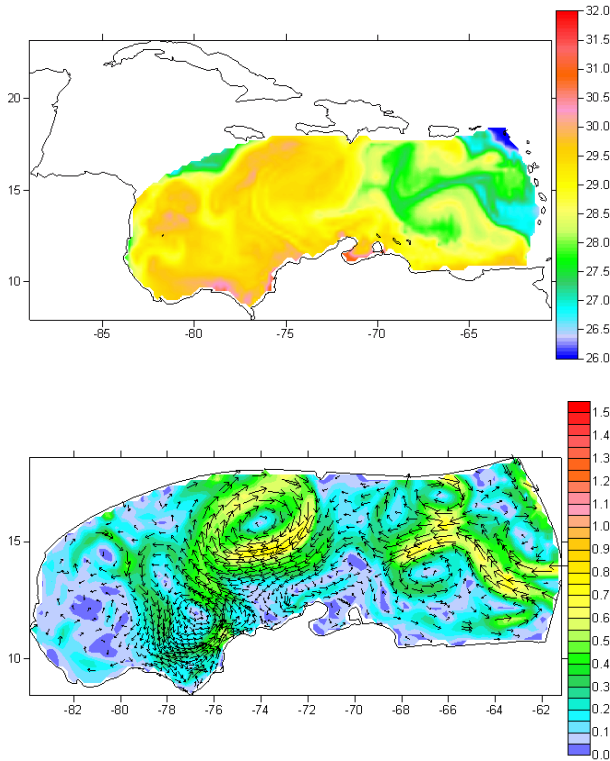
- Temperatura superficial del mar
- Corrientes
- Espesor capa de mezcla
- Gradiente
- Datos meteorológicos del Caribe

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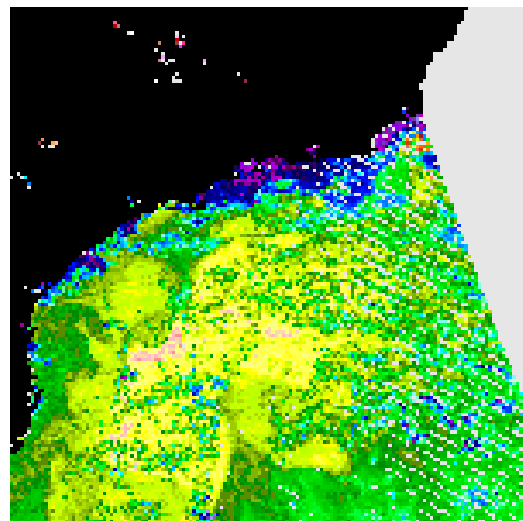
Señalando aquí

Detalle de la información de clorofila en el sur del Brasil

http://ven.antares.ws/antares/datos_locales

<http://www.dsr.inpe.br/antares/data/index.htm>

En esta pagina se obtienen imágenes de diferentes zonas de Suramérica, especialmente el caribe y atlántico y pacifico sur (marcadas como recuadros más oscuros en la siguiente imagen)



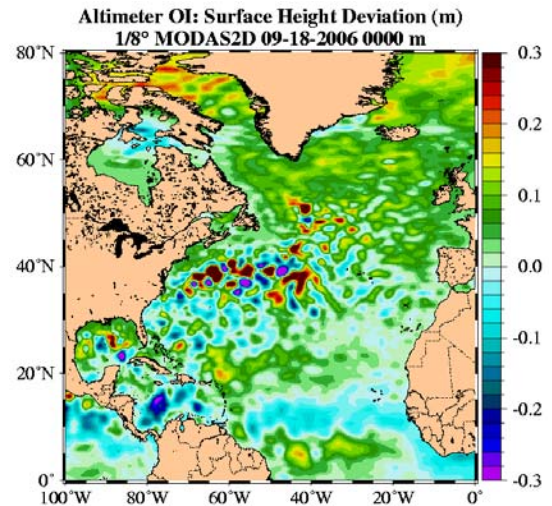
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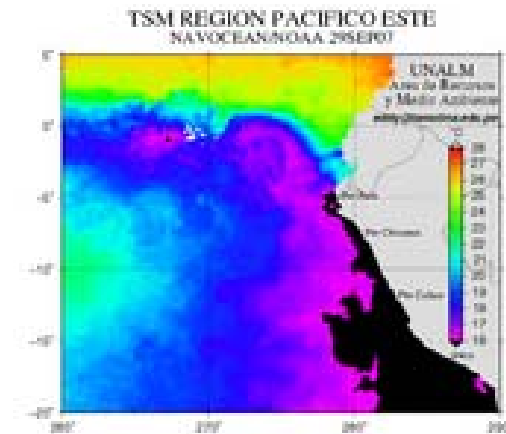
MODAS SST	MODAS SSH	
Deviation		
Total		



<http://www7300.nrlssc.navy.mil/altimetry>

<http://tarwi.lamolina.edu.pe/eddy/enso/>

JASON-1	
Sea Surface Height Deviation	
Significant Wave Height	
Wind Speed	



Galeria de imagenes de corrientes oceanicas a escala global
 Brasil, Agulhas, Kuroshio, Madagascar, Artico,..
 RSMAS Rosenstiel School of Marine and Atmospheric Science School
<http://www.rsmas.miami.edu/images.html>

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Imágenes de temperaturas en superficie del mar (SST) de Cuba y Golfo de México.

Sensor AVHRR / HRPT (NOAA 12 - 14)

<http://paria.marine.usf.edu/cuba/marina.htm>

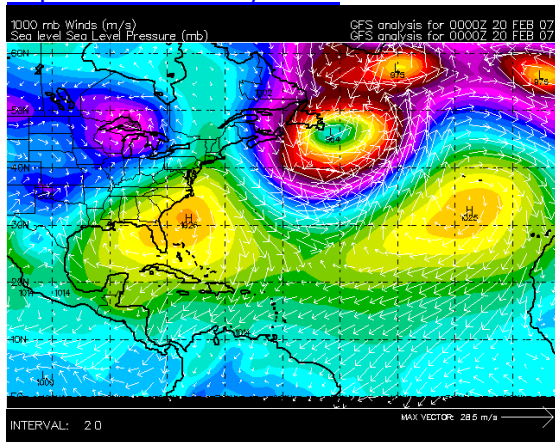
Galería de imágenes globales de los océanos en color: productividad, temperaturas

SeaWiFS Project - SeaWiFS Ocean Color Gallery

Imágenes satélite de océanos, biosfera, productividad y batimetría global predicha por satélite. NASA / Goddard Space Flight Center and ORBIMAGE

http://seawifs.gsfc.nasa.gov/SEAWIFS/IMAGES/SEAWIFS_GALLERY.html

<http://weather.unisys.com>



<http://cariaco.ws/>

<http://www.imars.usf.edu/CAR/index.html>

<http://www.edimar.org>

<http://www.geol.sc.edu/msrl/cariaco.htm>

Para adquirir imágenes IKONOS

<http://www.geoeye.com/products/default.htm>

NOTICIAS

ACTIVIDADES PREVISTAS DE LA RED 406RT0285 DURANTE 2007.

VI Simposio Internacional de humedales Zapata 2007. Zapata, Cuba, 5-9 noviembre 2007

EVENTOS

Registro en VII CVE supera las 500 presentaciones

El Comité Organizador del **VII Congreso Venezolano de Ecología** tiene el placer de informar que, luego de la prórroga para el registro de participantes y asistentes, se han procesado 594 entradas, de las cuales 533 corresponden a trabajos que serán presentados en 227 presentaciones orales en sesiones de diversas Áreas Temáticas, 183 carteles y 116 trabajos en el marco de ocho Simposios. Adicionalmente se realizarán tres Talleres y otra serie de eventos actualmente en programación, que serán oportunamente informados. Próximamente estaremos publicando el programa general y los programas a detalle de todas las actividades del VII CVE.

Ligia Blanco-Belmonte

**Comisión Académica
VII Congreso Venezolano de Ecología**
www.fundacionlasalle.org.ve –
www.cvecologia.com

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED “EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA”

Nº 2. Septiembre 2007.

BIBLIOGRAFÍA RECIENTE.

En esta sección presentamos la bibliografía relacionada con humedales aparecida en lo que va del 2007. No pretende ser una bibliografía inclusiva de todo lo aparecido sobre humedales, lo cual nos da una idea de los centenares de trabajos publicados sobre el tema y su diversidad. También nos muestra la enorme disparidad entre las diferentes zonas del mundo y la desventaja Iberoamericana al respecto. Hemos dado prioridad a aquellas publicaciones de acceso libre.

Evaluation of Leakage Current Measurement for Site Pollution Severity Assessment
Seyyed Mohammad Hossein NABAVI ; Ahmad GHOLAMI ; Ahad KAZEMI ; Mohammad Ali Shercat MASOUM
Leonardo Electronic Journal of Practices and Technologies 2007 Vol: 6 Issue: 10 : 39-54

Hydrological science and wetland restoration: some case studies from Europe
Hydrology and Earth System Sciences 2007 Vol: 11 Issue: 1 : 158-169

Coastal change and hypoxia in the northern Gulf of Mexico: Part I
Hydrology and Earth System Sciences 2007 Vol: 11 Issue: 1 : 180-190

Marine modification of terrestrial influences on Gulf hypoxia: Part II
Hydrology and Earth System Sciences 2007 Vol: 11 Issue: 1 : 191-209

Estimating evaporation from a wet grassland
Hydrology and Earth System Sciences 2007 Vol: 11 Issue: 1 : 270-282

Analysis of the environments of seven Mediterranean tropical-like storms using an axisymmetric, nonhydrostatic, cloud resolving model
L. Fita ; R. Romero ; A.

Luque ; K. Emanuel ; C. Ramis
Natural Hazards and Earth System Sciences 2007 Vol: 7 Issue: 1 : 41-56.

Consequences of respiration in the light on the determination of production in pelagic systems.
O. Pringault ; V. Tassas ; E. Rochelle-Newall
Biogeosciences 2007 Vol: 4 Issue: 1 : 105-114

On the weak impact of the 26 December Indian Ocean tsunami on the Bangladesh coast
M. Ioualalen ; E. Pelinovsky ; J. Asavanant ; R. Lipikorn ; A. Deschamps
Natural Hazards and Earth System Sciences 2007 Vol: 7 Issue: 1 : 141-147

A nested circulation model for the North Aegean Sea
V. Kourafalou ; K. Tsiaras
Ocean Science (OS) 2007 Vol: 3 Issue: 1 : 1-16

Malaria vectors and transmission dynamics in coastal south-western Cameroon
Bigoga Jude ; Manga Lucien ; Titanji Vincent ; Coetzee Maureen ; Leke Rose
Malaria Journal 2007 Vol: 6 Issue: 1 : 5

Long-term feeding ecology and habitat use in harbour porpoises *Phocoena phocoena* from Scandinavian waters inferred from trace elements and stable isotopes
Fontaine Michaël ; Tolley Krystal ; Siebert Ursula ; Gobert Sylvie ; Lepoint Gilles ; Bouqueneau Jean-Marie ; Das Krishna
BMC Ecology 2007 Vol: 7 Issue: 1 : 1

Modelling the cohesive sediment transport in the marine environment: the case of Thermaikos Gulf
Y. N. Krestenitis ; K. D. Kombiadou ; Y. G. Savvidis
Ocean Science (OS) 2007 Vol: 3 Issue: 1 : 91-104

The global marine phosphorus cycle: sensitivity to oceanic circulation
C. P. Slomp ; P. Van Cappellen
Biogeosciences 2007 Vol: 4 Issue: 2 : 155-171

Development of the tree and shrub component and recovery techniques in a burnt pine forest, Castel Fusano, Rome
Manetti MC ; Cutini A ; Gugliotta OI ; Hajny M ; Amorini E

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED “EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA”

Nº 2. Septiembre 2007.

- Forest@ 2007 Vol: 4 Issue: 1 : 131-141
- Airborne measurements of nucleation mode particles I: coastal nucleation and growth rates C. D. O’Dowd ; Y. J. Yoon ; W. Junkerman ; P. Aalto ; M. Kulmala ; H. Lihavainen ; Y. Viisanen Atmospheric Chemistry and Physics 2007 Vol: 7 Issue: 6 : 1491-1501
- Manganese content records seasonal upwelling in Lake Tanganyika mussels D. Langlet ; L. Y. Alleman ; P.-D. Plisnier ; H. Hughes ; L. André Biogeosciences 2007 Vol: 4 Issue: 2 : 195-203
- Coastal processes of Central Tamil Nadu, India: clues from grain size studies Nimalanathan Angusamy ; G. Victor Rajamanickam Oceanologia 2007 Vol: 49 Issue: 1 : 41-57
- ¹³⁷Cs activity distribution in the Lithuanian coastal waters of the Baltic Sea Lina Davulienė ; Nikolay Tarasiuk ; Narciza Spirkauskaitė ; Gediminas Trinkunas ; Leonas Valkunas Oceanologia 2007 Vol: 49 Issue: 1 : 71-91
- Expansion of the North American amphipod *Gammarus tigrinus* Sexton, 1939 to the Neva Estuary (easternmost Baltic Sea) Nadezhda A. Berezina Oceanologia 2007 Vol: 49 Issue: 1 : 129-135
- From researchers to primary school: dissemination of scientific research results on the beach. An experience of environmental education at Nefza, Tunisia Lucia Fanini ; Mohamed El Gtari ; Adnene Ghlala ; Traki El Gtari-Chaabkane ; Felicita Scapini Oceanologia 2007 Vol: 49 Issue: 1 : 145-157
- Physical response of the coastal ocean to Hurricane Isabel near landfall F. M. Bingham Ocean Science (OS) 2007 Vol: 3 Issue: 1 : 159-171
- Regional-scale climate-variability synchrony of cholera epidemics in West Africa Constantin de Magny Guillaume ; Guégan Jean-François ; Petit Michel ; Cazelles Bernard BMC Infectious Diseases 2007 Vol: 7 Issue: 1 : 20
- A flood geodatabase and its climatological applications: the case of Catalonia for the last century M. Barnolas ; M. C. Llasat Natural Hazards and Earth System Sciences 2007 Vol: 7 Issue: 2 : 271-281
- Physical vulnerability modelling in natural hazard risk assessment J. Douglas Natural Hazards and Earth System Sciences 2007 Vol: 7 Issue: 2 : 283-288
- Plastic debris ingested by a rough-toothed dolphin, *Steno bredanensis*, stranded alive in northeastern Brazil Ana Carolina Oliveira de Meirelles ; Helen Maria Duarte do Rego Barros Biotemas 2007 Vol: 20 Issue: 1 : 127-131
- Mesoscale circulations over complex terrain in the Valencia coastal region, Spain – Part 1: Simulation of diurnal circulation regimes G. Pérez-Landa ; P. Ciais ; M. J. Sanz ; B. Gioli ; F. Miglietta ; J. L. Palau ; G. Gangoiti ; M. M. Millán Atmospheric Chemistry and Physics 2007 Vol: 7 Issue: 7 : 1835-1849
- Mesoscale circulations over complex terrain in the Valencia coastal region, Spain – Part 2: Modeling CO₂ transport using idealized surface fluxes G. Pérez-Landa ; P. Ciais ; G. Gangoiti ; J. L. Palau ; A. Carrara ; B. Gioli ; F. Miglietta ; M. Schumacher ; M. M. Millán ; M. J. Sanz Atmospheric Chemistry and Physics 2007 Vol: 7 Issue: 7 : 1851-1868
- Nitrogen and oxygen isotopic constraints on the origin of atmospheric nitrate in coastal Antarctica J. Savarino ; J. Kaiser ; S. Morin ; D. M. Sigman ; M. H. Thiemens Atmospheric Chemistry and Physics 2007 Vol: 7 Issue: 8 : 1925-1945
- Northern hemisphere winter storm tracks of the Eemian interglacial and the last glacial inception

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- F. Kaspar ; T. Spangehl ; U. Cubasch
Climate of the Past 2007 Vol: 3 Issue: 2 :
181-192
- Genetic affinities between endogamous and
inbreeding populations of Uttar Pradesh
Khan Faisal ; Pandey Atul ; Tripathi
Manorma ; Talwar Sudha ; Bisen Prakash
; Borkar Minal ; Agrawal Suraksha BMC
Genetics 2007 Vol: 8 Issue: 1 : 12
- Are embryonic and larval Green Frogs (*Rana
clamitans*) insensitive to road deicing salt?
Nancy E. Karraker Herpetological
Conservation and Biology 2007 Vol: 2
Issue: 1 : 35-41
- Influences of agricultural land use on *Clinostomum
attenuatum* Metacercariae prevalence in
Southern Great Plains amphibians, USA
Matthew J. Gray ; Loren M. Smith ; Debra
L. Miller ; Charles R. Bursey
Herpetological Conservation and Biology
2007 Vol: 2 Issue: 1 : 23-28
- Size-segregated mass distributions of aerosols
over Eastern Mediterranean: seasonal
variability and comparison with AERONET
columnar size-distributions
E. Gerasopoulos ; E. Koulouri ; N.
Kalivitis ; G. Kouvarakis ; S. Saarikoski ;
T. Mäkelä ; R. Hillamo ; N. Mihalopoulos
Atmospheric Chemistry and Physics
2007 Vol: 7 Issue: 10 : 2551-2561
- nirS*-containing denitrifier communities in the water
column and sediment of the Baltic Sea
S. Falk ; M. Hannig ; C. Gliesche ; R.
Wardenga ; M. Köster ; K. Jürgens ; G.
Braker Biogeosciences 2007 Vol: 4
Issue: 3 : 255-268
- Endémisme et cosmopolitisme des faunes
d'ammonites de la plaque arabique au
Crétacé moyen (Aptien - Turonien)
Bulot Luc G. Carnets de Géologie 2007
Vol: CG2007 Issue: : M02_Abstract10
- [book review] "Learning to Leave: The Irony of
Schooling in a Coastal Community"
(Michael Corbett).
Theobald, P. Journal of Research in
- Rural Education 2007 Vol: 22 Issue: 4 :
- Small distances, great differences: a case study
involving the biomass of reef seaweeds
and fishes on the coast of Paraíba,
Northeast Brazil
Allan Tainá de Souza ; Martina Di Iulio
Ilari ; Paulo Roberto de Medeiros ;
Cláudio Luís Santos Sampaio ; Paulo
Antunes Horta Biotemas 2007 Vol: 20
Issue: 2 : 9-13
- Spatio-temporal variations in hydro-physical and -
chemical parameters during a major
upwelling event off the southern coast of
the Gulf of Finland in summer 2006
Ülo Suursaar ; Robert Aps Oceanologia
2007 Vol: 49 Issue: 2 : 209-228
- Modelling nitrogen and phosphorus limitation on
phytoplankton growth in Narva Bay,
south-eastern Gulf of Finland
Gennadi Lessin ; Inga Lips ; Urmas
Raudsepp Oceanologia 2007 Vol: 49
Issue: 2 : 259-276
- Birds and fish as bioindicators of tourist
disturbance in springs in semi-arid regions
in Mexico: a basis for management
J. Palacio Núñez ; J. R. Verdú ; E.
Galante ; D. Jiménez-García ; G. Olmos-
Oropeza Animal Biodiversity and
Conservation 2007 Vol: 30 Issue: 1 : 29-
41
- The effect of tidal forcing on biogeochemical
processes in intertidal salt marsh
sediments Taillefert Martial ; Neuhuber
Stephanie ; Bristow Gwendolyn
Geochemical Transactions 2007 Vol: 8
Issue: 1 : 6
- Comparison between some trace and heavy
metals concentrations in sediments of a
river and a natural wetland system in
Ribeira do Iguape Basin, São Paulo State,
Brazil Davi Gasparini Fernandes Cunha ;
Helena Freitas Capparelli ; Maria do
Carmo Calijuri ; Adriana Cristina Poli
Miwa ; Roseli Frederigi Benassi
Engenharia Ambiental : Pesquisa e

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- Tecnología 2007 Vol: 4 Issue: 1 : 32-53
- Eogenetic karst, glacioeustatic cave pools and anchialine environments on Mallorca Island: a discussion of coastal speleogenesis.
Angel Ginès ; Joaquin Ginès
International Journal of Speleology 2007
Vol: 36 Issue: 2 : 57-67
- ESTACIONALIDADE DO CLIMA NO PANTANAL DA NHECOLÂNDIA, MATO GROSSO DO SUL, BRASIL
Luciana Graci Rodela ; José Pereira de Queiroz Neto
Revista Brasileira de Cartografia 2007 Vol: 59 Issue: 1 : 101-113
- GERAÇÃO AUTOMÁTICA DE PRODUTOS DERIVADOS DE IMAGENS AVHRR-NOAA PARA MONITORAMENTO DE ÁREAS INUNDÁVEIS DO PANTANAL
João Francisco Gonçalves Antunes ; Júlio César Dalla Mora Esquerdo
Revista Brasileira de Cartografia 2007 Vol: 59 Issue: 1 : 115-122
- Geographical structures and the cholera epidemic in modern Japan: Fukushima prefecture in 1882 and 1895
Kuo Chun-Lin ; Fukui Hiromichi
International Journal of Health Geographics 2007 Vol: 6 Issue: 1 : 25
- Effects of feeding level and feeding frequency on growth, feed efficiency and nitrogen and phosphorus loss in seabass (*Lateolabrax niloticus*) fed diets with defatted soybean meal partially replacing fishmeal
Tantikitti, C. ; Onkong, S. ; Srisook, S. ; Mahankich, S. Songklanakarin Journal of Science and Technology 2007 Vol: 29 Issue: 3 : 725-736
- Commercial catches, reproduction and feeding habits of *Raja asterias* (Chondrichthyes: Rajidae) in a coastal area of the Tyrrhenian Sea (Italy, northern Mediterranean)
Michele ROMANELLI ; Alessandro COLASANTE ; Umberto SCACCO ; Ivan CONSALVO ; Maria Grazia FINOIA ;
- Marino VACCHI ACTA ADRIATICA 2007
Vol: 48 Issue: 1 : 57-71
- Biomonitoring of trace metals (Cu, Cd, Cr, Hg, Pb, Zn) in Mali Ston Bay (eastern Adriatic) using the Mediterranean blue mussel (1998-2005)
Zorana KLJAKOVIĆ-GAŠPIĆ ; Ivana UJEVIĆ ; Tomislav ZVONARIĆ ; Ante BARIĆ
ACTA ADRIATICA 2007 Vol: 48 Issue: 1 : 73-88
- Use of FETAX to Examine Acute Survival of *Xenopus laevis* Larvae in Water from Natural and Constructed Ponds in the Upper Midwest.
Joshua M. Kapfer ; Mark B. Sandheinrich ; Melinda G. Knutson
Herpetological Conservation and Biology 2007 Vol: 2 Issue: 2 : 119-125
- Effects of Prescribed Fire on the Herpetofauna of a Southern Mississippi Pine Savanna.
Gabriel J. Langford ; Joel A. Borden ; Smoot Major ; David H. Nelson
Herpetological Conservation and Biology 2007 Vol: 2 Issue: 2 : 135-143
- Multi-locus phylogeography of the dusky dolphin (*Lagenorhynchus obscurus*): passive dispersal via the west-wind drift or response to prey species and climate change?
Harlin-Cognato April ; Markowitz Tim ; Würsig Bernd ; Honeycutt Rodney
BMC Evolutionary Biology 2007 Vol: 7 Issue: 1 : 131
- Phenols content and 2-D electrophoresis protein pattern: a promising tool to monitor *Posidonia* meadows health state
Migliore Luciana ; Rotini Alice ; Randazzo Davide ; Albanese Nadia ; Giallongo Agata
BMC Ecology 2007 Vol: 7 Issue: 1 : 6
- A new variety of *Cyrtocarpa edulis* (Anacardiaceae)
León de la Luz, José Luis ; Pérez Navarro, José Juan
Acta Botánica Mexicana 2007 Vol: Issue: 79 : 63-67

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- Polychlorinated dibenzo-*p*-dioxin, dibenzofuran and biophenyl content in selected groups of Baltic herring and sprat from Estonian coastal waters in 2006. Ott Roots ; Mart Simm *Oceanologia* 2007 Vol: 49 Issue: 3 : 293-303
- 3052 Joan García, Vanessa Capel, Anna Castro, Isabel Ruíz and Manuel Soto
- Ecological indicators of nutrient enrichment, freshwater wetlands, Midwestern United States (U.S.) *Ecological Indicators*, Volume 7, Issue 4, November 2007, Pages 733-750 Christopher Craft, Kandice Krull and Sean Graham
- First report on *Noctiluca scintillans* blooms in the Red Sea off the coasts of Saudi Arabia: consequences of eutrophication Zakaria A. Mohamed ; Ibrahim Mesaad *Oceanologia* 2007 Vol: 49 Issue: 3 : 337-351
- Molecular characterization of microbial communities in treatment microcosm wetlands as influenced by macrophytes and phosphorus loading *Ecological Indicators*, Volume 7, Issue 4, November 2007, Pages 852-863 C. Ahn, P.M. Gillevet and M. Sikaroodi
- Appraisal of tsunami inundation and run-up along the coast of Kanyakumari District, India - GIS analysis Nainarpandian Chandrasekar ; Jeyakodi Loveson Immanuel ; Jeyaraj Dajkumar Sahayam ; Manoharan Rajamanickam ; Sakthivel Saravanan *Oceanologia* 2007 Vol: 49 Issue: 3 : 397-412
- Developing a wetland IBI with statewide application after multiple testing iterations *Ecological Indicators*, Volume 7, Issue 4, November 2007, Pages 864-881 John J. Mack
- A new occurrence of the benthic amphipod *Dyopedom monacanthus* (Metzger, 1875) in the southern Baltic Sea - the first record in the Stupsk Furrow Diana Dziaduch *Oceanologia* 2007 Vol: 49 Issue: 3 : 439-445
- Regional patterns of soil organic carbon stocks in China *Journal of Environmental Management*, Volume 85, Issue 3, November 2007, Pages 680-689 D.S. Yu, X.Z. Shi, H.J. Wang, W.X. Sun, J.M. Chen, Q.H. Liu and Y.C. Zhao
- Melioidosis: An under-diagnosed entity in western coastal India: A clinico-microbiological analysis Vidyalakshmi K ; Shrikala B ; Bharathi B ; Suchitra U *Indian Journal of Medical Microbiology* 2007 Vol: 25 Issue: 3 : 245-248
- Aggregation of floodplain soils based on classification principles to predict concentrations of nutrients and pollutants *Geoderma*, Volume 141, Issues 3-4, 15 October 2007, Pages 210-223 Jörg Rinklebe, Christa Franke and Heinz-Ulrich Neue
- Heavy metals in an impacted wetland system: A typical case from southwestern China *Science of The Total Environment*, Volume 387, Issues 1-3, 15 November 2007, Pages 257-268 Xiangyang Bi, Xinbin Feng, Yuangen Yang, Xiangdong Li, Grace P.Y. Sin, Guangle Qiu, Xiaoli Qian, Feili Li, Tianrong He, Ping Li, et al.
- Is trace metal release in wetland soils controlled by organic matter mobility or Fe-oxyhydroxides reduction? *Journal of Colloid and Interface Science*, Volume 314, Issue 2, 15 October 2007, Pages 490-501 Malgorzata Grybos, Mélanie Davranche, Gérard Gruau and Patrice Petitjean
- Anaerobic biodegradation tests and gas emissions from subsurface flow constructed wetlands *Bioresource Technology*, Volume 98, Issue 16, November 2007, Pages 3044-
- The role of catchment scale and landscape characteristics for runoff generation of boreal streams

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED “EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA”

Nº 2. Septiembre 2007.

- Journal of Hydrology, Volume 344, Issues 3-4, 15 October 2007, Pages 198-209
Hjalmar Laudon, Viktor Sjöblom, Ishi Buffam, Jan Seibert and Magnus Mörth
- Biological Conservation, Volume 139, Issues 3-4, October 2007, Pages 286-296
Karla Niggebrugge, Isabelle Durance, Alisa M. Watson, Rob S.E.W. Leuven and S.J. Ormerod
- Combined exposure to ambient UVB radiation and nitrite negatively affects survival of amphibian early life stages
Science of The Total Environment, Volume 385, Issues 1-3, 15 October 2007, Pages 55-65
Guadalupe Macías, Adolfo Marco and Andrew R. Blaustein
- Cu sorption on *Phragmites australis* leaf and stem litter: A kinetic study
Chemosphere, Volume 69, Issue 7, October 2007, Pages 1136-1143
V.I.R. Unamuno, A. De Visscher, E. Lesage, E. Meers, I. Leuridan and F.M.G. Tack
- The freshwater biota of British agricultural landscapes and their sensitivity to pesticides
Agriculture, Ecosystems & Environment, Volume 122, Issue 2, October 2007, Pages 137-148
Jeremy Biggs, Penny Williams, Mericia Whitfield, Pascale Nicolet, Colin Brown, John Hollis, Dave Arnold and Tim Pepper
- A potential new process for improving nitrogen removal in constructed wetlands—Promoting coexistence of partial-nitrification and ANAMMOX
Ecological Engineering, Volume 31, Issue 2, 1 October 2007, Pages 69-78
Zeqin Dong and Tieheng Sun
- Temperature requirements for dormancy break and seed germination vary greatly among 14 wetland *Carex* species
Aquatic Botany, Volume 87, Issue 3, October 2007, Pages 209-220
Karin M. Kettenring and Susan M. Galatowitsch
- Greenhouse gas emissions from a constructed wetland—Plants as important sources of carbon
Ecological Engineering, Volume 31, Issue 2, 1 October 2007, Pages 98-106
Tomáš Pícek, Hana Čížková and Jiří Dušek
- Germination of *Chara vulgaris* and *Nitella flexilis* oospores: What are the relevant factors triggering germination?
Aquatic Botany, Volume 87, Issue 3, October 2007, Pages 235-241
Margarete Kalin and Martin P. Smith
- The effect of nutrient addition on metal tolerance in *Salvinia herzogii*
Ecological Engineering, Volume 31, Issue 2, 1 October 2007, Pages 122-131
H.R. Hadad, M.A. Maine, G.S. Natale and C. Bonetto
- Fidelity and dispersal in the pond-breeding amphibian, *Ambystoma opacum*: Implications for spatio-temporal population dynamics and conservation
Biological Conservation, Volume 139, Issues 3-4, October 2007, Pages 247-257
Lloyd R. Gamble, Kevin McGarigal and Bradley W. Compton
- Microbial biomass and heterotrophic production of surface flow mesocosm wetlands treating woodwaste leachate: Responses to hydraulic and organic loading and relations with mass reduction
Ecological Engineering, Volume 31, Issue 2, 1 October 2007, Pages 132-139
Wendong Tao, Ken J. Hall and Sheldon J.B. Duff
- Applying landscape ecology to conservation biology: Spatially explicit analysis reveals dispersal limits on threatened wetland gastropods
Environmental Science & Policy, Volume

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED “EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA”

Nº 2. Septiembre 2007.

- 10, Issue 6, October 2007, Pages 537-550. Patrick Steyaert, Marco Barzman, Jean-Paul Billaud, H  l  ne Brives, Bernard Hubert, Guillaume Ollivier and B  n  dicte Roche
- Mitigation strategies to reduce pesticide inputs into ground- and surface water and their effectiveness; A review Science of the Total Environment, Volume 384, Issues 1-3, 1 October 2007, Pages 1-35 Stefan Reichenberger, Martin Bach, Adrian Skitschak and Hans-Georg Frede
- Methane emissions from stems of *Fraxinus mandshurica* var. *japonica* trees in a floodplain forest Soil Biology and Biochemistry, Volume 39, Issue 10, October 2007, Pages 2689-2692 Kazuhiko Terazawa, Shigehiro Ishizuka, Tadashi Sakata, Kenji Yamada and Masamichi Takahashi
- Review of classification systems and new multi-scale typology of groundwater-surface water interaction Journal of Hydrology, Volume 344, Issues 1-2, 30 September 2007, Pages 1-16 M. Dahl, B. Nilsson, J.H. Langhoff and J.C. Refsgaard
- Treatment of flow-through trout aquaculture effluents in a constructed wetland Aquaculture, Volume 270, Issues 1-4, 28 September 2007, Pages 92-104 Paul-Daniel Sindilariu, Carsten Schulz and Reinhard Reiter
- Rapid assessment of the cost-effectiveness of low impact development for CSO control Landscape and Urban Planning, Volume 82, Issue 3, 24 September 2007, Pages 117-131 Franco Montalto, Christopher Behr, Katherine Alfredo, Max Wolf, Matvey Arye and Mary Walsh
- Characterization of (E,E)-farnesol and its fatty acid esters from anal scent glands of nutria (*Myocastor coypus*) by gas chromatography-mass spectrometry and gas chromatography-infrared spectrometry. Journal of Chromatography A, Volume 1165, Issues 1-2, 21 September 2007, Pages 136-143 Hyeunjoo Lee, Steven Finckbeiner, Jose S. Yu, David F. Wiemer, Thomas Eisner and Athula B. Attygalle
- Vegetation dynamics induced by phreatophyte-aquifer interactions Journal of Theoretical Biology, Volume 248, Issue 2, 21 September 2007, Pages 301-310. Luca Ridolfi, Paolo D’Odorico and Francesco Laio
- Radiomagnetotelluric and Direct Current Resistivity measurements for the characterization of conducting soils Journal of Applied Geophysics, Volume 63, Issue 1, 18 September 2007, Pages 35-45. Tim Seher and B  lent Tezkan
- Constructed wetlands for the Mediterranean countries: hybrid systems for water reuse and sustainable sanitation Desalination, Volume 215, Issues 1-3, 5 September 2007, Pages 44-55 Fabio Masi and Nicola Martinuzzi
- Contribution of non-conventional technologies for sewage treatment to improve the quality of bathing waters (ICREW project) Desalination, Volume 215, Issues 1-3, 5 September 2007, Pages 82-89 Isabel Mart  n, Juana Rosa Betancort and Juan Ram  n Pidre
- Subsurface-horizontal flow constructed wetland for sewage treatment under Moroccan climate conditions Desalination, Volume 215, Issues 1-3, 5 September 2007, Pages 153-158 B. El Hamouri, J. Nazih and J. Lahjouj
- Phosphorus storages in historically isolated wetland ecosystems and surrounding pasture uplands Ecological Engineering, Volume 31, Issue 1, 3 September 2007, Pages 16-28 E.J. Dunne, J. Smith, D.B. Perkins, M.W. Clark, J.W. Jawitz and K.R. Reddy

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- An assessment of the impact of experimental brushwood fences on foredune sand accumulation based on digital elevation models. *Ecological Engineering*, Volume 31, Issue 1, 3 September 2007, Pages 41-46. Edward J. Anthony, Stéphane Vanhee and Marie-Hélène Ruz
- Performance of pilot-scale vertical-flow constructed wetlands, as affected by season, substrate, hydraulic load and frequency of application of simulated urban sewage. *Ecological Engineering*, Volume 31, Issue 1, 3 September 2007, Pages 57-66. C.A. Prochaska, A.I. Zouboulis and K.M. Eskridge
- Dietary resource partitioning in ruminant communities of Miocene wetland and karst palaeoenvironments in Southern Germany. *Palaeogeography, Palaeoclimatology, Palaeoecology*, Volume 252, Issues 3-4, 3 September 2007, Pages 424-439. Thomas M. Kaiser and Gertrud E. Rössner
- Distribution and turnover of carbon in natural and constructed wetlands in the Florida Everglades. *Applied Geochemistry*, Volume 22, Issue 9, September 2007, Pages 1936-1948. J. Stern, Y. Wang, B. Gu and J. Newman
- Long-term persistence of amphibian populations in a restored wetland complex. *Biological Conservation*, Volume 138, Issues 3-4, September 2007, Pages 371-380. James W. Petranka, Elizabeth M. Harp, C. Tate Holbrook and Jennifer A. Hamel
- Patch and landscape factors shape community assemblage of bumble bees, *Bombus* spp. (Hymenoptera: Apidae), in montane meadows. *Biological Conservation*, Volume 139, Issues 1-2, September 2007, Pages 150-158. Richard G. Hatfield and Gretchen LeBuhn
- The need to ground truth 30.5 m buffers: A case study of the boreal toad (*Bufo boreas*). *Biological Conservation*, Volume 138, Issues 3-4, September 2007, Pages 474-483. Michael C. Goates, Kent A. Hatch and Dennis L. Eggett
- Treatment of dairy wastewater using constructed wetlands and intermittent sand filters. *Bioresource Technology*, Volume 98, Issue 12, September 2007, Pages 2268-2281. M.G. Healy, M. Rodgers and J. Mulqueen
- Processes and mechanisms of desertification in northern China during the last 30 years, with a special reference to the Hunshandake Sandy Land, eastern Inner Mongolia. *CATENA*, Volume 71, Issue 1, 1 September 2007, Pages 2-12. X. Yang, Z. Ding, X. Fan, Z. Zhou and N. Ma
- Chemical status of selenium in evaporation basins for disposal of agricultural drainage. *Chemosphere*, Volume 69, Issue 4, September 2007, Pages 585-594. S. Gao, K.K. Tanji, R.A. Dahlgren, J. Ryu, M.J. Herbel and R.M. Higashi
- Flow and solute fluxes in integrated wetland and coastal systems. *Environmental Modelling & Software*, Volume 22, Issue 9, September 2007, Pages 1337-1348. Kumars Ebrahimi, Roger A. Falconer and Binliang Lin
- Heavy metals in coastal wetland sediments of the Pearl River Estuary, China. *Environmental Pollution*, Volume 149, Issue 2, September 2007, Pages 158-164. QuSheng Li, ZhiFeng Wu, Bei Chu, Na Zhang, ShaSha Cai and JianHong Fang
- Bioaccumulation of trace elements in omnivorous amphibian larvae: Implications for amphibian health and contaminant transport. *Environmental Pollution*, Volume 149, Issue

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- 2, September 2007, Pages 182-192
Jason M. Unrine, William A. Hopkins,
Christopher S. Romanek and Brian P.
Jackson
- Effects of chemical additives on hydrocarbon disappearance and biodegradation in freshwater marsh microcosms
Environmental Pollution, Volume 149, Issue 2, September 2007, Pages 227-238
J.A. Nyman, P.L. Klerks and S. Bhattacharyya
- Comparison of the effects of hydrological disturbance events on benthos and plankton salt marsh communities
Estuarine, Coastal and Shelf Science, Volume 74, Issue 3, 1 September 2007, Pages 419-428
Stéphanie Gascón, Sandra Bruçet, Jordi Sala, Dani Boix and Xavier D. Quintana
- Stream channels in peatlands: The role of biological processes in controlling channel form
Geomorphology, Volume 89, Issues 1-2, 1 September 2007, Pages 97-110
Jeffrey R. Watters and Emily H. Stanley
- Absence of detection of highly pathogenic H5N1 in migratory waterfowl in southern France in 2005–2006
Infection, Genetics and Evolution, Volume 7, Issue 5, September 2007, Pages 604-608. Camille Lebarbenchon, Sylvie van der Werf, Frédéric Thomas, Jean-Thierry Aubin, Saliha Azebi, Frédérique Cuvelier, Patricia Jeannin, Vanessa Roca, Chung-Ming Chang, Yves Kayser, et al.
- Bird distributions relative to remotely sensed habitats in Great Britain: Towards a framework for national modelling
Journal of Environmental Management, Volume 84, Issue 4, September 2007, Pages 586-605
Robin M. Fuller, Bernard J. Devereux, Simon Gillings, Ross A. Hill and Gabriel S. Amable
- Long-term changes in mercury concentrations in fish from the middle Savannah River
- Science of The Total Environment, Volume 382, Issues 2-3, 1 September 2007, Pages 375-382
M.H. Paller and James W. Littrell
- Accumulation of Cd, Pb and Zn by 19 wetland plant species in constructed wetland
Journal of Hazardous Materials, Volume 147, Issue 3, 25 August 2007, Pages 947-953. Jianguo Liu, Yuan Dong, Hai Xu, Deke Wang and Jiakuan Xu
- Incorporation of spectral data into multivariate geostatistical models to map soil phosphorus variability in a Florida wetland
Geoderma, Volume 140, Issue 4, 15 August 2007, Pages 428-443
R.G. Rivero, S. Grunwald and G.L. Bruland
- A spatial analysis of cumulative habitat loss in Southern California under the Clean Water Act Section 404 Program
Landscape and Urban Planning, Volume 82, Issues 1-2, 15 August 2007, Pages 41-55. Daniel P. Swenson and Richard F. Ambrose
- Tsunami washover deposits, Tawharanui, New Zealand. Sedimentary Geology, Volume 200, Issues 3-4, 15 August 2007, Pages 232-247. W.P. de Lange and V.G. Moon
- Development of vegetation in a constructed wetland receiving irrigation return flows
Agriculture, Ecosystems & Environment, Volume 121, Issue 4, August 2007, Pages 401-406
Andrew M. Ray and Richard S. Inouye
- Organo-colloidal control on major- and trace-element partitioning in shallow groundwaters: Confronting ultrafiltration and modelling
Applied Geochemistry, Volume 22, Issue 8, August 2007, Pages 1568-1582
Olivier Pourret, Aline Dia, Mélanie Davranche, Gérard Gruau, Odile Héning and Maxime Angée
- Phragmites australis and silica cycling in tidal wetlands

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED “EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA”

Nº 2. Septiembre 2007.

- Aquatic Botany, Volume 87, Issue 2, August 2007, Pages 134-140
Eric Struyf, Stefan Van Damme, Britta Gribsholt, K. Bal, O. Beauchard, Jack J. Middelburg and Patrick Meire
- Use of blast furnace granulated slag as a substrate in vertical flow reed beds: Field application. Bioresource Technology, Volume 98, Issue 11, August 2007, Pages 2089-2101
E. Asuman Korkusuz, Meryem Beklioglu and Göksel N. Demirer
- PCB contamination in farmed and wild sea bass (*Dicentrarchus labrax* L.) from a coastal wetland area in central Italy
Chemosphere, Volume 68, Issue 9, August 2007, Pages 1630-1635
Grazia Carubelli, Roberto Fanelli, Giulio Mariani, Simona Nichetti, Giuseppe Crosa, Davide Calamari and Elena Fattore
- Ecological economics of coastal disasters: Introduction to the special issue
Ecological Economics, Volume 63, Issues 2-3, 1 August 2007, Pages 249-253
Robert Costanza and Joshua Farley
- Contractual difficulties in environmental management: The case of wetland mitigation banking
Ecological Economics, Volume 63, Issues 2-3, 1 August 2007, Pages 446-451
Paul Hallwood
- Subsurface-flow constructed wetlands in Spain for the sanitation of small communities: A comparative study
Ecological Engineering, Volume 30, Issue 4, 1 August 2007, Pages 312-319
Jaume Puigagut, José Villaseñor, Juan José Salas, Eloy Bécares and Joan García
- Sorption of Co, Cu, Ni and Zn from industrial effluents by the submerged aquatic macrophyte *Myriophyllum spicatum* L.
Ecological Engineering, Volume 30, Issue 4, 1 August 2007, Pages 320-325
E. Lesage, C. Mundia, D.P.L. Rousseau,
- A.M.K. Van de Moortel, G. Du Laing, E. Meers, F.M.G. Tack, N. De Pauw and M.G. Verloo
- Environmental decision support systems: A new approach to support the operation and maintenance of horizontal subsurface flow constructed wetlands
Ecological Engineering, Volume 30, Issue 4, 1 August 2007, Pages 362-372
Clàudia Turon, Joaquim Comas, Jaume Alemany, Ulises Cortés and Manel Poch
- An off-line filtering ditch-pond system for diffuse pollution control at Wuhan City Zoo
Ecological Engineering, Volume 30, Issue 4, 1 August 2007, Pages 373-380
Qingfeng Chen, Baoqing Shan, Chengqing Yin and Chengxiao Hu
- Tidal, seiche and wind dynamics in a small lagoon in the Mediterranean Sea
Estuarine, Coastal and Shelf Science, Volume 74, Issues 1-2, August 2007, Pages 21-30
Marcello Niedda and Mauro Greppi
- The effects of riverine discharge on temperature, salinity, suspended sediment and chlorophyll a in a Mississippi delta estuary measured using a flow-through system
Estuarine, Coastal and Shelf Science, Volume 74, Issues 1-2, August 2007, Pages 145-154
Robert R. Lane, John W. Day Jr., Brian D. Marx, Enrique Reyes, Emily Hyfield and Jason N. Day
- Predicting the abundance of white shrimp (*Litopenaeus setiferus*) from environmental parameters and previous life stages
Fisheries Research, Volume 86, Issue 1, August 2007, Pages 31-41
Hamady Diop, Walter R. Keithly Jr., Richard F. Kazmierczak Jr. and Richard F. Shaw
- Mangrove conversion and aquaculture development in Vietnam: A remote sensing-based approach for evaluating the Ramsar Convention on Wetlands

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Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- Global Environmental Change, Volume 17, Issues 3-4, August-October 2007, Pages 486-500
Karen C. Seto and Michail Fragkias
- Quaternary Science Reviews, Volume 26, Issues 15-16, August 2007, Pages 1975-1988
Pim de Klerk, John Couwenberg and Hans Joosten
- Concentration of polybrominated diphenyl ethers (PBDEs) in sediment cores of Sundarban mangrove wetland, northeastern part of Bay of Bengal (India)
Marine Pollution Bulletin, Volume 54, Issue 8, August 2007, Pages 1220-1229
Andrea Binelli, Santosh Kumar Sarkar, Mousumi Chatterjee, Consuelo Riva, Marco Parolini, Bhaskar deb Bhattacharya, Asok Kumar Bhattacharya and Kamala Kanta Satpathy
- The ebullition of hydrogen, carbon monoxide, methane, carbon dioxide and total gaseous mercury from the Cornwall Area of Concern
Science of The Total Environment, Volume 381, Issues 1-3, 1 August 2007, Pages 256-262
Laurier Poissant, Philippe Constant, Martin Pilote, João Canário, Nelson O'Driscoll, Jeff Ridal and David Lean
- Short-term effects of changes in water management on the limnological characteristics and zooplankton of a eutrophic Mediterranean coastal lagoon (NE Iberian Peninsula)
Marine Pollution Bulletin, Volume 54, Issue 8, August 2007, Pages 1273-1284
Anna Badosa, Dani Boix, Sandra Brucet, Rocío López-Flores and Xavier D. Quintana
- Influence of paleotopography, base level and sedimentation rate on estuarine system response to the Holocene sea-level rise: The example of the Marais Vernier, Seine estuary, France
Sedimentary Geology, Volume 200, Issues 1-2, 1 August 2007, Pages 15-29
Millena Frouin, David Sebag, Alain Durand, Benoit Laignel, Jean-François Saliege, Barbara J. Mahler and Cyrille Fauchard
- Methane Emission from Natural Wetlands in China: Summary of Years 1995–2004 Studies
Pedosphere, Volume 17, Issue 4, August 2007, Pages 475-486
Wei-Xin DING and Zu-Cong CAI
- Seasonal influence on sulfate reduction and zinc sequestration in subsurface treatment wetlands.
Water Research, Volume 41, Issue 15, August 2007, Pages 3440-3448
Otto R. Stein, Deborah J. Borden-Stewart, Paul B. Hook and Warren L. Jones
- Treatment Efficiencies of Constructed Wetlands for Eutrophic Landscape River Water
Pedosphere, Volume 17, Issue 4, August 2007, Pages 522-528
Sheng-Bing HE, Li YAN, Hai-Nan KONG, Zhi-Ming LIU, De-Yi WU and Zhan-Bo HU
- Chemical weathering of silicate rocks in Karelia region and Kola peninsula, NW Russia: Assessing the effect of rock composition, wetlands and vegetation
Chemical Geology, Volume 242, Issues 1-2, 30 July 2007, Pages 255-277
E.A. Zakharova, O.S. Pokrovsky, B. Dupré, J. Gaillardet and L.E. Efimova
- Spatial distribution of ammonium and nitrate fluxes along roots of wetland plants
Plant Science, Volume 173, Issue 2, August 2007, Pages 240-246
Yun Ying Fang, Olga Babourina, Zed Rengel, Xiao E Yang and Pei Min Pu
- Modelling constructed wetland treatment system performance.
Ecological Modelling, Volume 205, Issues 3-4, 24 July 2007, Pages 355-364
Volodymyr Tomenko, Sirajuddin Ahmed and Viktor Popov
- Short-lived vegetational and environmental change during the Preboreal in the Biebrza Upper Basin (NE Poland)

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- Contributions of riparian and hillslope waters to storm runoff across multiple catchments and storm events in a glaciated forested watershed. *Journal of Hydrology*, Volume 341, Issues 1-2, 20 July 2007, Pages 116-130. Shreeram P. Inamdar and Myron J. Mitchell
- Nitrite accumulation in coastal clay soil of India under inadequate subsurface drainage *Agricultural Water Management*, Volume 91, Issues 1-3, 16 July 2007, Pages 78-85 Man Singh, Sunil Pabbi, A.K. Bhattacharya and A.K. Singh
- Identification and evaluation of water pollution from Albanian tanneries *Desalination*, Volume 213, Issues 1-3, 15 July 2007, Pages 56-64 Tania Floqi, Daut Vezi and Ilirian Malollari
- Mercury transformations and fluxes in sediments of a riverine wetland *Geochimica et Cosmochimica Acta*, Volume 71, Issue 14, 15 July 2007, Pages 3393-3406 Richard R. Goulet, Jonathan Holmes, Bryan Page, Laurier Poissant, Steven D. Siciliano, David R.S. Lean, Feiyue Wang, Marc Amyot and André Tessier
- Contaminants in natural and constructed wetlands: Pollutant dynamics and control *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 1-2 Filip M.G. Tack, Niels De Pauw, Gijs Du Laing and Diederik Rousseau
- Nitrogen and phosphorus dynamics of a re-wetted shallow-flooded peatland *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 3-12 Jan Jacob Kieckbusch and Joachim Schrautzer
- Release of phosphate in a wetland by changes in hydrological regime *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 13-18
- Keun-Yea Song, Kyung-Duk Zoh and Hojeong Kang
- Treatment of landfill leachate using an aerated, horizontal subsurface-flow constructed wetland. *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 19-27 J. Nivala, M.B. Hoos, C. Cross, S. Wallace and G. Parkin
- Emission of N₂O and CH₄ from a constructed wetland in southeastern Norway *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 28-37 A.K. Søvik and B. Kløve
- Five year water and nitrogen balance for a constructed surface flow wetland treating agricultural drainage waters *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 38-47 Maurizio Borin and Davide Tocchetto
- Removal of nutrients in various types of constructed wetlands *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 48-65 Jan Vymazal
- Dynamics of phosphorus, nitrogen and carbon removal in a horizontal subsurface flow constructed wetland *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 66-74 Christina Vohla, Reimo Alas, Kaspar Nurk, Sabrina Baatz and Ülo Mander
- Temporal and spatial variation of phosphate distribution in the sediment of a free water surface constructed wetland *Science of The Total Environment*, Volume 380, Issues 1-3, 15 July 2007, Pages 75-83 M.A. Maine, N. Suñe, H. Hadad and G. Sánchez

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- Accumulation of metals in a horizontal subsurface flow constructed wetland treating domestic wastewater in Flanders, Belgium
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 102-115
E. Lesage, D.P.L. Rousseau, E. Meers, F.M.G. Tack and N. De Pauw
- Investigation of bacterial removal during the filtration process in constructed wetlands
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 173-180
Kirsten Sleytr, Alexandra Tietz, Günter Langergraber and Raimund Haberl
- Study of pyrene biodegradation capacity in two types of solid media
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 116-123
N. Chevron Cottin and G. Merlin
- Complete degradation of dimethyl isophthalate requires the biochemical cooperation between *Klebsiella oxytoca* Sc and *Methylobacterium mesophilicum* Sr Isolated from Wetland sediment
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 181-187
Jiaxi Li and Ji-Dong Gu
- Uptake of Cd, Zn and Mn by willow increases during terrestrialisation of initially ponded sediments
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 133-143
Bart Vandecasteele, Paul Quataert and Filip M.G. Tack
- Tracers for investigating pathogen fate and removal mechanisms in mesocosms
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 188-195
Alan G. Werker, Wendy Van Loon and Raymond L. Legge
- Influence of flooding, salinity and inundation time on the bioavailability of metals in wetlands
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 144-153
M. Speelmans, D.R.J. Vanthuyne, K. Lock, F. Hendrickx, Laing G. Du, F.M.G. Tack and C.R. Janssen
- Modelling of organic matter degradation in constructed wetlands for treatment of combined sewer overflow
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 196-209
Malte Henrichs, Günter Langergraber and Mathias Uhl
- Trace metals in *Phragmites australis* and *Phalaris arundinacea* growing in constructed and natural wetlands
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 154-162
Jan Vymazal, Jaroslav Švehla, Lenka Kröpfelová and Vladislav Chrástný
- Simulation of the treatment performance of outdoor subsurface flow constructed wetlands in temperate climates
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 210-219
Günter Langergraber
- Characterisation of microbial biocoenosis in vertical subsurface flow constructed wetlands.
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 163-172
Alexandra Tietz, Alexander Kirschner, Günter Langergraber, Kirsten Sleytr and Raimund Haberl
- The effect of pre-aeration on the purification processes in the long-term performance of a horizontal subsurface flow constructed wetland
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 229-236

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- Alar Noorvee, Elar Põldvere and Ülo Mander
relation to environmental factors
Aquatic Botany, Volume 87, Issue 1, July 2007, Pages 22-30
Eugenie C. Regan, Micheline Sheehy Skeffington and Mike J. Gormally
- Selection of a support matrix for the removal of some phenoxycetic compounds in constructed wetlands systems
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 237-246
Ana V. Dordio, José Teimão, Idália Ramalho, A. J. Palace Carvalho and A. J. Estêvão Candeias
Multilevel responses of emergent vegetation to environmental factors in a semiarid floodplain
Aquatic Botany, Volume 87, Issue 1, July 2007, Pages 49-60
M. Alvarez-Cobelas and S. Cirujano
- The role of free water surface constructed wetlands as polishing step in municipal wastewater reclamation and reuse
Science of The Total Environment, Volume 380, Issues 1-3, 15 July 2007, Pages 247-258
A. Ghermandi, D. Bixio and C. Thoeye
Methane emissions from two tundra wetlands in eastern Antarctica
Atmospheric Environment, Volume 41, Issue 22, July 2007, Pages 4711-4722
Renbin Zhu, Yashu Liu, Liguang Sun and Hua Xu
- Impact of pixel size on mapping surface water in subsolar imagery
Remote Sensing of Environment, Volume 109, Issue 1, 12 July 2007, Pages 1-9
Vern C. Vanderbilt, Shruti Khanna and Susan L. Ustin
Cladistic and phenetic analyses of relationships among *Fusarium* spp. in Dongtan wetland by morphology and isozymes
Biochemical Systematics and Ecology, Volume 35, Issue 7, July 2007, Pages 410-420
Jiang-Lan Luo, Kan Bao, Ming Nie, Wei-Qiong Zhang, Ming Xiao and Bo Li
- Simulation of DOM fluxes in a seasonal floodplain of the Okavango Delta, Botswana
Ecological Modelling, Volume 205, Issues 1-2, 10 July 2007, Pages 181-195
N. Mladenov, D.M. McKnight, P. Wolski and M. Murray-Hudson
Integrated Constructed Wetlands assessment and design for phosphate removal
Biosystems Engineering, Volume 97, Issue 3, July 2007, Pages 415-423
M. Scholz, A.J. Sadowski, R. Harrington and P. Carroll
- Exploiting the attributes of regional ecosystems for landscape design: The role of ecological restoration in ecological engineering
Ecological Engineering, Volume 30, Issue 3, 2 July 2007, Pages 201-205
Mark T. Simmons, Heather C. Venhaus and Steve Windhager
Fate of high loads of ammonia in a pond and wetland downstream from a hazardous waste disposal site
Chemosphere, Volume 68, Issue 7, July 2007, Pages 1365-1376
Michele Cutrofello and John L. Durant
- Phosphorus treatment capability of the marshland upwelling system under low background salinity conditions
Ecological Engineering, Volume 30, Issue 3, 2 July 2007, Pages 250-263
Derek A. Evans and Kelly A. Rusch
Selected oxidative stress markers in a South American crocodilian species
Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology, Volume 146, Issues 1-2, July-August 2007, Pages 241-254
Orlando V. Furtado-Filho, Cássia Polcheira, Daniel P. Machado, Guilherme Mourão and Marcelo Hermes-Lima
- Wetland plant communities of turloughs in southeast Galway/north Clare, Ireland in

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- Diatoms as indicators of isolated herbaceous wetland condition in Florida, USA
Ecological Indicators, Volume 7, Issue 3, July 2007, Pages 521-540
Charles R. Lane and Mark T. Brown
- Evaluation of geographic, geomorphic and human influences on Great Lakes wetland indicators: A multi-assemblage approach
Ecological Indicators, Volume 7, Issue 3, July 2007, Pages 610-635
J.C. Brazner, N.P. Danz, G.J. Niemi, R.R. Regal, A.S. Trebitz, R.W. Howe, J.M. Hanowski, L.B. Johnson, J.J.H. Ciborowski, C.A. Johnston, et al.
- Assessment of in situ biodegradation of monochlorobenzene in contaminated groundwater treated in a constructed wetland. Environmental Pollution, Volume 148, Issue 2, July 2007, Pages 428-437
Mareike Braeckevelt, Hemal Rokadia, Gwenaël Imfeld, Nicole Stelzer, Heidrun Paschke, Peter Kusch, Matthias Kästner, Hans-H. Richnow and Stefanie Weber
- Changes in soils and vegetation in a Mediterranean coastal salt marsh impacted by human activities
Estuarine, Coastal and Shelf Science, Volume 73, Issues 3-4, July 2007, Pages 510-526
J. Álvarez-Rogel, F.J. Jiménez-Cárceles, M.J. Roca and R. Ortiz
- Policy and practice in Myanmar's protected area system. Journal of Environmental Management, Volume 84, Issue 2, July 2007, Pages 188-203
U. Myint Aung
- Development narratives and the uses of ecology: malaria control in Northwest Argentina, 1890-1940
Journal of Historical Geography, Volume 33, Issue 3, July 2007, Pages 619-650
Eric D. Carter
- Paleoenvironmental analysis of a middle Wisconsinan biota site, southwestern Virginia, U.S.A. Quaternary Research, Volume 68, Issue 1, July 2007, Pages 133-140
G. Richard Whittecar, Thomas C. Wynn and Charles S. Bartlett Jr.
- Dynamics of arsenic in the mining sites of Pine Creek Geosyncline, Northern Australia
Science of The Total Environment, Volume 379, Issues 2-3, 1 July 2007, Pages 201-215
Miro Peter Eapaea, David Parry and Barry Noller
- Below ground carbon turnover and greenhouse gas exchanges in a sub-arctic wetland
Soil Biology and Biochemistry, Volume 39, Issue 7, July 2007, Pages 1689-1698
Lena Ström and Torben R. Christensen
- Exotic plant influences soil nematode communities through litter input
Soil Biology and Biochemistry, Volume 39, Issue 7, July 2007, Pages 1782-1793
Huili Chen, Bo Li, Changming Fang, Jiakuan Chen and Jihua Wu
- Development and evaluation of an alternative method for municipal wastewater treatment using homogeneous photocatalysis and constructed wetlands
Catalysis Today, Volume 124, Issues 3-4, 30 June 2007, Pages 260-265
A. Antoniadis, V. Takavakoglou, G. Zalidis and I. Poullos
- Above-ground productivity and litter decomposition in a tidal freshwater forested wetland on Bull Island, SC, USA
Forest Ecology and Management, Volume 245, Issues 1-3, 30 June 2007, Pages 31-43.
Mehmet Ozalp, William H. Conner and B. Graeme Lockaby
- Enhanced dissolution of TCE in NAPL by TCE-degrading bacteria in wetland soils
Journal of Hazardous Materials, Volume 145, Issues 1-2, 25 June 2007, Pages 17-22.
Sangjin Lee
- Classification methodology for Sustainable Flood Retention Basins Landscape and Urban

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

Planning, Volume 81, Issue 3, 20 June 2007, Pages 246-256 Miklas Scholz

Li Xinhua, Liu Jingshuang, Wang Jinda, Sun Zhigao and Yang Jisong

Developing a dynamic model to predict the recruitment and early survival of black willow (*Salix nigra*) in response to different hydrologic conditions Ecological Modelling, Volume 204, Issues 3-4, 16 June 2007, Pages 315-325 Changwoo Ahn, Kurt F. Moser, Richard E. Sparks and David C. White

Effects of groundwater extraction from crystalline hard rock on water chemistry in an acid forested catchment at Gårdsjön, Sweden Applied Geochemistry, Volume 22, Issue 6, June 2007, Pages 1157-1166 Fredrik Mossmark, Hans Hultberg and Lars O. Ericsson

Mapping of flood dynamics and spatial distribution of vegetation in the Amazon floodplain using multitemporal SAR data Remote Sensing of Environment, Volume 108, Issue 3, 15 June 2007, Pages 209-223 Jean-Michel Martinez and Thuy Le Toan

CH₄ and N₂O emissions from *Spartina alterniflora* and *Phragmites australis* in experimental mesocosms Chemosphere, Volume 68, Issue 3, June 2007, Pages 420-427 Xiaoli Cheng, Ronghao Peng, Jiquan Chen, Yiqi Luo, Quanfa Zhang, Shuqing An, Jiakuan Chen and Bo Li

Laser remote sensing of canopy habitat heterogeneity as a predictor of bird species richness in an eastern temperate forest, USA Remote Sensing of Environment, Volume 108, Issue 3, 15 June 2007, Pages 254-263 Scott Goetz, Daniel Steinberg, Ralph Dubayah and Bryan Blair

Removal efficiency of a constructed wetland for wastewater treatment according to vegetation dominance Chemosphere, Volume 68, Issue 6, June 2007, Pages 1105-1113 M.A. Maine, N. Suñe, H. Hadad, G. Sánchez and C. Bonetto

Sources and temporal dynamics of arsenic in a New Jersey watershed, USA Science of The Total Environment, Volume 379, Issue 1, 15 June 2007, Pages 56-74 Julia L. Barringer, Jennifer L. Bonin, Michael J. Deluca, Terri Romagna, Kimberly Cenno, Marzooq Alebus, Todd Kratzer and Barbara Hirst

Completely autotrophic nitrogen-removal over nitrite in lab-scale constructed wetlands: Evidence from a mass balance study Chemosphere, Volume 68, Issue 6, June 2007, Pages 1120-1128 Guangzhi Sun and David Austin

Food supply in intertidal area for shorebirds during stopover at Chongming Dongtan, China Acta Ecologica Sinica, Volume 27, Issue 6, June 2007, Pages 2149-2159 Zhu Jing, Jing Kai, Gan Xiaojing and Ma Zhijun

Wetland restoration at the Society for Ecological Restoration International Conference in Zaragoza, Spain Ecological Engineering, Volume 30, Issue 2, 1 June 2007, Pages 91-92 Michael Trepel

Biogeochemical cycle of Sulfur in the *Calamagrostis angustifolia* wetland ecosystem in the Sanjiang Plain, China Acta Ecologica Sinica, Volume 27, Issue 6, June 2007, Pages 2199-2207

Hydrology and nutrient biogeochemistry in a created river diversion oxbow wetland Ecological Engineering, Volume 30, Issue 2, 1 June 2007, Pages 93-102 Daniel F. Fink and William J. Mitsch

Creating wetlands for the improvement of water quality and landscape restoration in semi-arid zones degraded by intensive agricultural use Ecological Engineering, Volume 30, Issue

HUMEDALES Y CAMBIOS GLOBALES



Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

2, 1 June 2007, Pages 103-111
David Moreno, César Pedrocchi,
Francisco A. Comín, Mercedes García
and Alvaro Cabezas

Safety, Volume 67, Issue 2, June
2007, Pages 218-226
Mafalda S. Faria, António J.A. Nogueira
and Amadeu M.V.M. Soares

High-intensity versus low-intensity restoration
alternatives of a tidal marsh in
Guadalquivir estuary, SW Spain
Ecological Engineering, Volume 30, Issue
2, 1 June 2007, Pages 112-121
Juan B. Gallego Fernández and Francisco
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Influence of hydrological regime on pore water
metal concentrations in a contaminated
sediment-derived soil
Environmental Pollution, Volume 147,
Issue 3, June 2007, Pages 615-625
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Vandecasteele, F.M.G. Tack and M.G.
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Restoration of Skjern River and its valley: Project
description and general ecological
changes in the project area
Ecological Engineering, Volume 30, Issue
2, 1 June 2007, Pages 131-144
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Andersen, Kurt Nielsen and Marianne
Linnemann

Occurrence of alkylphenolic substances in a Great
Lakes coastal marsh, Cootes Paradise,
ON, Canada
Environmental Pollution, Volume 147,
Issue 3, June 2007, Pages 683-690
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Re-establishing freshwater wetlands in Denmark
Ecological Engineering, Volume 30, Issue
2, 1 June 2007, Pages 157-166
Carl Christian Hoffmann and Annette
Baattrup-Pedersen

Uptake of Zn, Cu, and Cd in metal loaded *Elodea*
Canadensis. Environmental and
Experimental Botany, Volume 60, Issue
2, June 2007, Pages 219-226
Johanna Nyquist and Maria Greger

Evaluation of the implementation of a goal-oriented
peatland rehabilitation plan
Ecological Engineering, Volume 30, Issue
2, 1 June 2007, Pages 167-175
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Bioturbation activity by the grapsid crab *Helice*
formosensis and its effects on mangrove
sedimentary organic matter
Estuarine, Coastal and Shelf
Science, Volume 73, Issues 1-2, June
2007, Pages 316-324
Islam S.S. Mchenga, Prosper L. Mfilinge
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Experiences with DSS in ecologically based water
management in the province of Friesland,
The Netherlands
Ecological Engineering, Volume 30, Issue
2, 1 June 2007, Pages 176-186
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Performance of a stratified sand filter in removal of
chemical oxygen demand, total
suspended solids and ammonia nitrogen
from high-strength wastewaters
Journal of Environmental
Management, Volume 83, Issue 4, June
2007, Pages 409-415
M.G. Healy, M. Rodgers and J. Mulqueen

Decision support for participatory wetland
decision-making
Ecological Engineering, Volume 30, Issue
2, 1 June 2007, Pages 187-199
Hasse Goosen, Ron Janssen and Jan E.
Vermaat

Data transformations in the analysis of community-
level substrate utilization data from
microplates
Journal of Microbiological
Methods, Volume 69, Issue 3, June
2007, Pages 461-469

The use of *Chironomus riparius* larvae to assess
effects of pesticides from rice fields in
adjacent freshwater ecosystems
Ecotoxicology and Environmental

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Nº 2. Septiembre 2007.

- Kela P. Weber, Jason A. Grove, Matthias Gehder, William A. Anderson and Raymond L. Legge
Journal of Hydrology, Volume 338, Issues 1-2, 15 May 2007, Pages 28-41
Andrew I. James and James W. Jawitz
- Impact of different feeding strategies and plant presence on the performance of shallow horizontal subsurface-flow constructed wetlands. *Science of The Total Environment*, Volume 378, Issue 3, 1 June 2007, Pages 253-262
Aracelly Caselles-Osorio and Joan García
- Mapping an invasive plant, *Phragmites australis*, in coastal wetlands using the EO-1 Hyperion hyperspectral sensor
Remote Sensing of Environment, Volume 108, Issue 1, 15 May 2007, Pages 74-81
Bruce W. Pengra, Carol A. Johnston and Thomas R. Loveland
- Residents' attitudes towards tourism in Bigodi village, Uganda
Tourism Management, Volume 28, Issue 3, June 2007, Pages 876-885
Andrew Lepp
- A classification-based assessment of the optimal spectral and spatial resolutions for Great Lakes coastal wetland imagery
Remote Sensing of Environment, Volume 108, Issue 1, 15 May 2007, Pages 111-120.
Brian L. Becker, David P. Lusch and Jianguo Qi
- Quality of reclaimed waters: a public health need for source tracking of wastewater-derived protozoan enteropathogens in engineered wetlands
Transactions of the Royal Society of Tropical Medicine and Hygiene, Volume 101, Issue 6, June 2007, Pages 532-533
Thaddeus K. Graczyk and Frances E. Lucy
- Plants of restricted use indicated by three cultures in Brazil (Caboclo-river dweller, Indian and Quilombola)
Journal of Ethnopharmacology, Volume 111, Issue 2, 4 May 2007, Pages 295-302
Eliana Rodrigues
- Modelling wet weather sediment removal by stormwater constructed wetlands: Insights from a laboratory study
Journal of Hydrology, Volume 338, Issues 3-4, 30 May 2007, Pages 285-296
Y. Li, A. Deletic and T.D. Fletcher
- The influence of water level fluctuations on the growth of four emergent macrophyte species.
Aquatic Botany, Volume 86, Issue 4, May 2007, Pages 309-315
Brian M. Deegan, Sean D. White and George G. Ganf
- Remotely sensed measurements of forest structure and fuel loads in the Pinelands of New Jersey
Remote Sensing of Environment, Volume 108, Issue 2, 30 May 2007, Pages 123-129.
Nicholas Skowronski, Kenneth Clark, Ross Nelson, John Hom and Matt Patterson
- The influence of water level fluctuations on the potential for convective flow in the emergent macrophytes *Typha domingensis* and *Phragmites australis*
Aquatic Botany, Volume 86, Issue 4, May 2007, Pages 369-376
Sean D. White, Brian M. Deegan and George G. Ganf
- Cryogenic opal-A deposition from Yellowstone hot springs. *Earth and Planetary Science Letters*, Volume 257, Issues 1-2, 15 May 2007, Pages 121-131
Alan Channing and Ian B. Butler
- Experimental functional response and inter-individual variation in foraging rate of teal (*Anas crecca*)
Behavioural Processes, Volume 75, Issue 1, May 2007, Pages 66-71
C. Arzel, M. Guillemain, D.B. Gurd, J. Elmberg, H. Fritz, A. Arnaud, C. Pin and F. Bosca
- Modeling two-dimensional reactive transport using a Godunov-mixed finite element method

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Boletín Informativo de la Red CYTED "EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA"

Nº 2. Septiembre 2007.

- A functional hypothesis of the threat of local extirpation of woody plant species by elephant in Africa
Biological Conservation, Volume 136, Issue 3, May 2007, Pages 329-345
Timothy G. O'Connor, Peter S. Goodman and Bruce Clegg
Ecological Engineering, Volume 30, Issue 1, 1 May 2007, Pages 78-88
Maria E. Hernandez and William J. Mitsch
- A quantitative method for evaluating the importance of marine areas for conservation of birds
Biological Conservation, Volume 136, Issue 3, May 2007, Pages 362-371
Henrik Skov, Jan Durinck, Mardik F. Leopold and Mark L. Tasker
Differential responses of the freshwater wetland species *Juncus effusus* L. and *Caltha palustris* L. to iron supply in sulfidic environments
Environmental Pollution, Volume 147, Issue 1, May 2007, Pages 222-230
Marlies E.W. Van der Welle, Karla Niggebrugge, Leon P.M. Lamers and Jan G.M. Roelofs
- Floc size and settling velocity within a *Spartina anglica* canopy
Continental Shelf Research, Volume 27, Issue 8, 1 May 2007, Pages 1060-1079
G.W. Graham and A.J. Manning
Rapid response to shoot removal by the invasive wetland plant, alligator weed (*Alternanthera philoxeroides*)
Environmental and Experimental Botany, Volume 60, Issue 1, May 2007, Pages 20-25
John R.U. Wilson, Alice Yeates, Shon Schooler and Michael H. Julien
- Treatment performances of compost-based and gravel-based vertical flow wetlands operated identically for refinery wastewater treatment in Pakistan
Ecological Engineering, Volume 30, Issue 1, 1 May 2007, Pages 34-42
Muhammad Masud Aslam, Murtaza Malik, M.A. Baig, I.A. Qazi and Javed Iqbal
Evidence of a species complex within the food-borne trematode *Opisthorchis viverrini* and possible co-evolution with their first intermediate hosts
International Journal for Parasitology, Volume 37, Issue 6, May 2007, Pages 695-703
Weerachai Saijuntha, Paiboon Sithithaworn, Sopit Wongkham, Thewarach Laha, Vichit Pipitgool, Smarn Tesana, Neil B. Chilton, Trevor N. Petney and Ross H. Andrews
- Effect of intermittent drainage on swine wastewater treatment by marsh-pond-marsh constructed wetlands
Ecological Engineering, Volume 30, Issue 1, 1 May 2007, Pages 43-50
M.E. Poach, P.G. Hunt, G.B. Reddy, K.C. Stone, M.H. Johnson and A. Grubbs
Paleohydrology and growth of a desert ciénega
Journal of Arid Environments, Volume 69, Issue 3, May 2007, Pages 420-431
T.A. Minckley and A. Brunelle
- Development of a wetland constructed for the treatment of groundwater contaminated by chlorinated ethenes
Ecological Engineering, Volume 30, Issue 1, 1 May 2007, Pages 51-66
James P. Amon, Abinash Agrawal, Michael L. Shelley, Bryan C. Opperman, Michael P. Enright, Nathan D. Clemmer, Thomas Slusser, Jason Lach, Teresa Sobolewski, William Gruner, et al.
The use of recycled aggregate in concrete in Hong Kong
Resources, Conservation and Recycling, Volume 50, Issue 3, May 2007, Pages 293-305
Chi-Sun Poon and Dixon Chan
- Denitrification in created riverine wetlands: Influence of hydrology and season
Effects of tree cutting and mowing on plant species composition and diversity of the wetland ecosystems dominated by the endangered maple, *Acer pycnanthum*

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Boletín Informativo de la Red CYTED “EFECTO DE LOS CAMBIOS GLOBALES SOBRE LOS HUMEDALES DE IBEROAMÉRICA”

Nº 2. Septiembre 2007.

- Forest Ecology and Management, Volume 242, Issues 2-3, 30 April 2007, Pages 733-746. Ikuyo Saeki
- Estimation of evapotranspiration by reed canarygrass using field observations and model simulations
Journal of Hydrology, Volume 337, Issues 3-4, 30 April 2007, Pages 356-363
K.E. Schilling and J.R. Kiniry
- Identification of the main driving mechanisms in the evolution of a small coastal wetland (Traba, Galicia, NW Spain) since its origin 5700 cal yr BP
Palaeogeography, Palaeoclimatology, laeoecology, Volume 247, Issues 3-4, 30 April 2007, Pages 296-312. R. Bao, A. Alonso, C. Delgado and J.L. Pagés
- Improved wetland remote sensing in Yellowstone National Park using classification trees to combine TM imagery and ancillary environmental data
Remote Sensing of Environment, Volume 107, Issue 4, 30 April 2007, Pages 582-605
Chris Wright and Alisa Gallant
- Collembolan communities in a peat bog versus surrounding forest analyzed by using self-organizing map
Ecological Modelling, Volume 203, Issues 1-2, 24 April 2007, Pages 9-17
Sithan Lek-Ang, Young-Seuk Park, Salah Ait-Mouloud and Louis Deharveng
- Novel facultative anaerobic acidotolerant *Telmatospirillum siberiense* gen. nov. sp. nov. isolated from mesotrophic fen
Systematic and Applied Microbiology, Volume 30, Issue 3, 19 April 2007, Pages 213-220
Maria V. Sizova, Nicolai S. Panikov, Elizaveta M. Spiridonova, Natalia V. Slobodova and Tatiana P. Tourova
- Analysis of the influence of gully erosion in the flow pattern of catchment streams, Southeastern Brazil
CATENA, Volume 69, Issue 3, 15 April 2007, Pages 230-238
Fernanda Martineli Costa and Luis de Almeida Prado Bacellar
- Controlling factors for water residence time and flow patterns in Ekeby treatment wetland, Sweden. Advances in Water Resources, Volume 30, Issue 4, April 2007, Pages 838-850. Johan Kjellin, Anders Wörman, Håkan Johansson and Anna Lindahl
- Interactive effects of salinity and water depth on the growth of *Melaleuca ericifolia* Sm. (Swamp paperbark) seedlings
Aquatic Botany, Volume 86, Issue 3, April 2007, Pages 213-222. Jacqueline Salter, Kay Morris, Paul C.E. Bailey and Paul I. Boon
- Clone-specific differences in *Phragmites australis*: Effects of ploidy level and geographic origin
Aquatic Botany, Volume 86, Issue 3, April 2007, Pages 269-279
Dorte L. Hansen, Carla Lambertini, Arunothai Jampeetong and Hans Brix
- Freshwater conservation planning in data-poor areas: An example from a remote Amazonian basin (Madre de Dios River, Peru and Bolivia)
Biological Conservation, Volume 135, Issue 4, April 2007, Pages 484-501
Michele Thieme, Bernhard Lehner, Robin Abell, Stephen K. Hamilton, Josef Kellendorfer, George Powell and Juan Carlos Riveros
- International Conference on Wetland Restoration and Ecological Engineering Nanjing, China May 28 – June 2, 2007
Ecological Economics, Volume 62, Issue 1, 1 April 2007, Pages 201-202
- Soil microbial eco-physiological response to nutrient enrichment in a sub-tropical wetland.
Ecological Indicators, Volume 7, Issue 2, April 2007, Pages 277-289
R. Corstanje, K.R. Reddy, J.P. Prenger, S. Newman and A.V. Ogram
- Ecological process indicators used for nature protection scenarios in agricultural landscapes of SW Norway
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2, April 2007, Pages 396-411
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Arne, E.M. Veenendaal, P. Wohland, P. Wolski, O. Kolle, M. Wagner and J. Lloyd

Carbon isotopes and iodine concentrations in a Mississippi River delta core recording land use, sediment transport, and dam building in the river's drainage basin Marine Environmental Research, Volume 63, Issue 3, April 2007, Pages 278-290 Peter H. Santschi, Sarah D. Oktay and Luis Cifuentes

Responses of an ethnobotanically important wetland species *Gunnera perperna* to soil waterlogging. South African Journal of Botany, Volume 73, Issue 2, April 2007, Page 340 T. Xuma and G. Naidoo

Palaeobotanical investigations at the mammoth site of Niederweningen (Kanton Zürich), Switzerland. Quaternary International, Volumes 164-165, April 2007, Pages 113-129 Ruth Drescher-Schneider, Christiane Jacquat and Werner Schoch

Understanding one's place in the watershed: How earth science can inform perceptions about the future of the New Orleans region. Technology in Society, Volume 29, Issue 2, April 2007, Pages 197-203 Thomas W. La Point

Geomorphological methods to characterise wetlands at the scale of the Seine watershed. Science of The Total Environment, Volume 375, Issues 1-3, 1 April 2007, Pages 59-68 F. Curie, S. Gaillard, A. Ducharme and H. Bendjoudi

Geomorphology, geography, and New Orleans after Iberville and Bienville Technology in Society, Volume 29, Issue 2, April 2007, Pages 227-237 R. Eugene Turner

Modeling nitrate fluxes at the catchment scale using the integrated tool CAWAQS Science of The Total Environment, Volume 375, Issues 1-3, 1 April 2007, Pages 69-79 Nicolas Flipo, Stéphanie Even, Michel Poulin, Sylvain Théry and Emmanuel Ledoux

Comparison of microfauna communities in full scale subsurface flow constructed wetlands used as secondary and tertiary treatment. Water Research, Volume 41, Issue 8, April 2007, Pages 1645-1652 Jaume Puigagut, Humbert Salvadó, David García, Francesc Granes and Joan García

Seasonal and inter-annual soil CO₂ efflux in savanna/wetland mosaic in the Okavango Delta, Botswana South African Journal of Botany, Volume 73, Issue 2, April 2007, Page 300 K.B. Mantlana, A. Arne, E.M. Veenendaal, P. Wohland, P. Wolski, O. Kolle and J. Lloyd

Constructed wetland systems vegetated with different plants applied to the treatment of tannery wastewater Water Research, Volume 41, Issue 8, April 2007, Pages 1790-1798 Cristina S.C. Calheiros, António O.S.S. Rangel and Paula M.L. Castro

Inter-site and species specific differences in photosynthetic properties of C₄ plants growing in an African savanna/wetland mosaic. South African Journal of Botany, Volume 73, Issue 2, April 2007, Page. 330 K.B. Mantlana, A.

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