



10th IWA Symposium on Forest Industry Wasterwaters

CHILE 2012
Concepción • January • 8 - 11



8th International Conference on Fate and Effects of Pulp and Paper Mill Effluents

FIRST ANNOUNCEMENT

Concepción January 8-11, 2012



Universidad de Concepción
CHILE



Environmental Science Center
EULA-CHILE



Centro de Biotecnología
Universidad de Concepción
Región del Bio-Bío



SETAC



> WELCOME LETTER

On behalf of IWA, SETAC Latin America and Universidad de Concepción it is our pleasure to welcome academics, governmental agencies and professionals around the world to attend the 10th IWA Symposium on Forest Industry Wastewaters and the 8th International Conference on the fate and effects of pulp and paper mill effluents.

The 10th IWA Symposium on Forest Industry Wastewaters is the premier event for communicating advances in environmental science and technology applicable to all areas related to the forest products industry, particularly the pulp and paper industry. The emphasis of the 10th IWA Symposium will be the "Forest industry taking care of the environment". As well as end of pipe wastewater treatment, the conference includes strategies for system closure, solid and nutrient management, recovering energy and by-products from waste, life cycle assessment, water and carbon footprint; among others.

The 8th International Conference on the fate and effects of pulp and paper mill effluents is a series of conferences that were initiated in response to rising concern about the potential environmental impacts of the forest industry. These meetings were designed to communicate the rapidly evolving knowledge on this matter and allow discussion in a focused international forum. The emphasis of the 8th Conference will be "integrating industry and ecosystem" and the issues to be discussed are: monitoring strategies, impacts on the marine environment, investigation of causes, greenfield mills and impacts on the receiving environment, aquatic ecosystem recovery, reproductive impacts on fish, ecotoxicity, risk assessment; among others.

We hope you will all enjoy your time in Concepción and make the most of your time at this interesting event.

As a visitor in Chile you will realize this is a country of surprising contrasts, great beauty and a high natural diversity. The numerous attractions from north to south include: Atacama Desert, volcanic peaks of the Andes Mountain, forests and national parks within the Lake District, the Chilean Patagonia, Torres del Paine and Antarctica. Plus do not forget, that Chile island territory include the mystical Eastern Island also called Rapa Nui.

Looking forward to seeing you all in Concepcion on January 8-11, 2012

Organization Committee

> VENUE

The conference will be held at the Central Campus of University of Concepción, in Concepción, Chile. Concepción is the capital of the Bío Bío Region and the second largest city in Chile; located near the mouth of the Biobío River, about 500 km south of Santiago.

> CHILEAN ORGANIZING COMMITTEE

- Gladys Vidal, University of Concepcion (Co-chair)
 - Ricardo Barra, University of Concepcion (Co-chair)
 - Oscar Parra, University of Concepcion
 - Carolina Baeza, University of Concepcion
 - Loreto Osorio, University of Concepcion
 - M. Cristina Diez, University of La Frontera
 - Claudio Zaror, University of Concepcion
 - Jaime Rodriguez, University of Concepcion
-

> REGISTRATION

Online registration, information and updates for the joint meeting will be available on the conference website at: <http://www.forestwater.cl>. Registration will include the Sunday reception, poster social, lunches, morning and afternoon coffee breaks and symposium Dinner.

REGISTRATIONS FEES (all fees are in US dollars)			
ítem	Before October 30, 2011	After November 1,2011	One day
General	\$ 600	\$ 700	\$ 350
Member	\$ 500	\$ 600	\$ 300
Student	\$ 250	\$ 250	\$ 50
Short course	\$ 100	\$ 150	
Technical visit	\$ 50	\$ 75	
Dinner (Guest)	\$ 60	\$ 80	
Student	\$ 250	\$ 250	

> IMPORTANT DEADLINES

November 22, 2010	First Call
March 22, 2011	Second Call
April 30, 2011	Abstract Deadline
July 30, 2011	Notification to Authors
October 30, 2011	Early Registration Deadline

> CALL FOR PAPERS

Papers are solicited for platform and poster sessions. Please follow abstract instructions carefully, as accepted abstracts will appear as submitted in the conference abstract book. Authors should follow the instructions for submission included in the conference website. Please recognize that authors with abstracts accepted for presentation in platform at the conference are expected to submit a full manuscript of their paper. Accepted full manuscripts will undergo a peer review and may be considered for publication in: *Water Quality Research Journal of Canada*, *Integrated Environmental Assessment and Management*, and *Water Science and Technology*.

> ABSTRACT FORMAT AND SUBMISSIONS

Font	11 pt. Times New Roman
Pages	8.5 x 11 inches (21.6 cm x 27.9 cm) / Letter format
Margins	1 inch (2.6 cm) margins (left, right, top and bottom)
Alignment	Fully justified to right and left margins
Spacing	Single
File format	Microsoft Word
Author designation	Place and asterisk (*) after the presenting author
Length	All information must fit on one page using the above format
Submissions	Abstracts for platform and poster sessions should be submitted through the conference web site: http://www.forestwater.cl

**10TH IWA SYMPOSIUM ON FOREST INDUSTRY WASTEWATERS
JANUARY 8 – 11, 2012 // CONCEPCIÓN, CHILE**



10th IWA Symposium on
Forest Industry Wasterwaters

> TOPIC FOR CONTRIBUTIONS

- Operation of treatment processes to minimize discharge and nutrients
- Fate and effect of specific compounds during wastewater treatment
- Treatment of new biorefinery effluent streams
- Internal control and system closure
- Management of air to minimize greenhouse gas emissions
- Management of waste solids and their evaluation as by-products
- Resource and energy recovery or conservation
- Life Cycle Assessment and ecological footprints (water and carbon footprint)
- Status of environmental issues nationally and regionally
- Characterization methods and efforts to harmonize regulations in different countries

> INTERNATIONAL PROGRAM COMMITTEE

- Gladys Vidal, Environmental Science Center EULA-Chile, University of Concepcion
- Michael Paice, FPInnovations, Paprican Division
- Claudio Silva, Universidade de Vicoso, Brasil
- Grant Allen, Toronto Canada
- Klaus Niemalä, KCL, Finland
- Lazare Etiegni, Moi University Kenia
- Nickolaus Kaindl, SCA, Austria
- Phil Pagoria, Weyerhaeuser Tech Center, WA, USA
- Samuel Schabel, Tech U. Darmstadt, Germany
- Sebastian Videla, AMEC Earth&Environmental, Chile
- Thomas Welander, ANOX, Sweden
- Trevor Stuthridge, SCION, New Zealand
- Woody Bryant, Weyeyrhaeuser, NC, USA

8TH INTERNATIONAL CONFERENCE ON THE FATE AND EFFECTS OF PULP AND PAPER MILL EFFLUENTS JANUARY 8 – 11, 2012 // CONCEPCIÓN, CHILE



**8th | International Conference
on Fate and Effects of
Pulp and Paper Mill Effluents**

> TOPIC FOR CONTRIBUTIONS

- Effluent characterization / Toxicity Identification Evaluation
- Nutrient enrichment
- Reproductive effects / Endocrine disruption
- Monitoring Programs
- River / Marine environment impacts
- National and international regulations
- Invertebrate / Fish responses
- Greenfield mills environmental impacts
- Fate modeling / Progress in bioactive chemicals characterization
- Investigation of Causes
- Ecotoxicology of effluents and the receiving environment
- Recent developments in bioassays
- Proteomics, Genomics, Metabolomics

> SCIENTIFIC COMMITTEE MEMBERS

- Ricardo Barra, Environmental Science Center EULA-Chile, University of Concepcion
- Kelly Munkittrick, Canadian Rivers Institute, University of New Brunswick, Canada
- Aimo Oikari, Department of Environmental Sciences, University of Jyväskylä, Finland
- Tatiana Furley, Aplysia Environmental Consultants, Brazil
- Mark Hewitt, Environment Canada, Canada
- Mark Mac Master, Environment Canada, Canada
- Rodrigo Orrego, University of Ontario Institute of Technology, Canada
- Tibor Kovacs, FPI Innovations, Canada
- Deb McLatchy, Wilfrid Laurier University Canada
- Gabriela Eguren, Universidad de la República, Uruguay
- Jukka Tana, ÅF-Consult Ltd, Finland

GENERAL PROGRAM

SUNDAY, JANUARY 8

09:00 - 17:00	Short course, EULA Center
16:00 - 18:00	Registration, CFRD Building
18:00 - 19:00	Welcome to the participants
19:00 - 20:00	Chilean Wine reception

MONDAY, JANUARY 9

08:30 - 10:00	Open Sessions
08:30 - 10:30	Registration, CFRD Building
10:00 - 17:30	Posters display
10:30 - 12:30	Sessions
12:30 - 14:00	Lunch
14:00 - 16:00	Sessions
16:30 - 17:30	Plenary

TUESDAY, JANUARY 10

08:30 - 10:00	Sessions
10:00 - 17:30	Posters display
10:30 - 12:30	Sessions
12:30 - 14:00	Lunch
14:00 - 16:00	Sessions
16:30 - 17:30	Plenary
20:00	Symposium Dinner

WEDNESDAY, JANUARY 11

08:30 - 10:00	Sesions
10:00 - 17:30	Posters display
10:30 - 12:30	Sessions
12:30 - 14:00	Lunch
14:00 - 16:00	Sessions
16:30 - 17:30	Plenary

THURSDAY, JANUARY 12

09:00 - 18:00	Technical visit
---------------	-----------------

CHILE 2012

Concepción • January • 8 - 11

 **10th** IWA Symposium on
Forest Industry Wasterwaters

 **8th** International Conference
on Fate and Effects of
Pulp and Paper Mill Effluents

Contact Us

✉ forestwater@udec.cl

Environmental Science Center Eula - Chile
Universidad de Concepción
P.O. BOX 160-C / Concepción - Chile

Phones: +56 (41) 2204073 / +56 (41) 2204002
Fax: (41) 2207076
www.forestwater.cl



Universidad de Concepción
CHILE



Environmental Science Center
EULA-CHILE



Centro de Biotecnología
Universidad de Concepción
Región del Bio-Bio



SETAC

www.forestwater.cl