

DAILY OVERVIEW

SATURDAY, MARCH 29

8:00AM-5:00PM

REGISTRATION OPENS

8:30AM-5:00PM

CONTINUED PROFESSIONAL DEVELOPMENT

1. SWAT Workshop

SUNDAY, MARCH 30

8:00AM-5:00PM

REGISTRATION OPENS

8:30AM-5:00PM

CONTINUED PROFESSIONAL DEVELOPMENT

2. CEEOT/SWAPP Workshop

8:30AM-12:00PM

CONTINUED PROFESSIONAL DEVELOPMENT

3. Water Supply, Pond Design and Levee Pond Economic Analysis Workshop

5:00PM-7:00PM

WELCOME RECEPTION

Folkloric Ballet Presentation

MONDAY, MARCH 31

7:30AM-5:00PM

REGISTRATION OPENS

8:00AM-12:00PM

OPENING AND GENERAL SESSION

Michael W. Chesser

Director of Meetings & Conferences, ASABE

Oscar Parra

*Director of the Environmental Science Center,
University of Concepcion*

Theo Dillaha

Program Director of SANREM CRSP

Ghassem Asrar

Deputy Director of USDA-ARS

Ali Saleh

Conference Chair, TIAER/Tarleton State University

Sergio Lavanchy Merino

President of the University of Concepcion

Marigen Hornkolhl

Chile Minister of Agriculture

Omar Ulloa

President of ALIA

Dennis P. McCabe

President & CEO of Tarleton State University

DAILY OVERVIEW

MONDAY, MARCH 31

12:00AM-1:30PM

LUNCH

1:30PM-3:00PM

CONCURRENT SESSIONS

- I. Agricultural BMP Effectiveness Part 1
- II. Regulatory Approaches to Watershed Management
- III. Field Watershed Scale Modeling Part 1

3:30PM-5:00PM

CONCURRENT SESSIONS

- IV. Allocation Issues for Point and Nonpoint Sources
- V. Emerging Tools in Water Quality Analysis
- VI. Field Watershed Scale Modeling Part 2

7:00PM-9:00PM

NIGHT IN CONCEPCION DINNER

Carpe Diem Restaurant

TUESDAY, APRIL 1

8:00AM-5:00PM

REGISTRATION OPENS

8:30PM-10:00PM

CONCURRENT SESSIONS

- VII. Agricultural BMP Effectiveness Part 2
- VIII. Data Collection to Support Water Quality/Quantity Development
- IX. Field Watershed Scale Modeling Part 3

10:30PM-12:00PM

CONCURRENT SESSIONS

- X. Watershed Management in Developing Countries
- XI. Environmental Legislation, Regulation and Education Applicable to Agriculture in Developing Countries
- XII. Field Watershed Scale Modeling Part 4

12:00AM-1:30PM

LUNCH

1:30PM-3:00PM

CONCURRENT SESSIONS

- XIII. Bacterial Monitoring, Source Identification and Control Practices

DAILY OVERVIEW

TUESDAY, APRIL 1

- XIV. Management Practices for Sediment Control
- XV. Performance and Validation of Models for Water Quality/Quantity Part 1

3:30PM-5:00PM

CONCURRENT SESSIONS

- XVI. Performance and Validation of Models for Water Quality/Quantity Part 2
- XVII. Pollution Control/Management Point and Nonpoint Sources
- XVIII. Wetlands, Stream and River Restoration, Biomonitoring and Land Use Impacts on Downstream Water Bodies

5:00PM-5:30PM

POSTER SET-UP

6:00PM-7:00PM

POSTER RECEPTION

WEDNESDAY, APRIL 2

8:00AM-12:00PM

REGISTRATION OPENS

8:30PM-10:00PM

CONCURRENT SESSIONS

- XIX. Agricultural BMP Effectiveness Part 3
- XX. Field Watershed Scale Modeling Part 5
- XXI. Water Quality Issues for Forest and Rangelands

10:30PM-12:00PM

CONCURRENT SESSIONS

- XXII. Performance and Validation of Models for Water Quality/Quantity Part 3
- XXIII. Water Quality Standards
- XXIV. Advances in Water Quality/Quantity

12:00AM-1:30PM

CLOSING CEREMONY & LUNCH

12:00AM-1:30PM

CAMPUS TOURS

TECHNICAL PROGRAM

SATURDAY, MARCH 29

- 8:00AM-5:00PM** **REGISTRATION OPENS**
Location: Building 4
- 8:30AM-5:00PM** **CPD #1 SWAT Workshop**
Location: Building 4, Room 1
Lunch: Building 2, University Restaurant

SUNDAY, MARCH 30

- 8:00AM-5:00PM** **REGISTRATION OPENS**
Location: Building 4
- 8:30AM-5:00PM** **CPD #2 CEEOT/SWAPP Workshop**
Location: Building 4, Room 1
Lunch: Building 2, University Restaurant
- 8:30AM-12:00PM** **CPD #3 Water Supply, Pond Design and Levee
Pond Economic Analyses**
Location: Building 4, Room 2
- 5:00PM-7:00PM** **WELCOME RECEPTION**
Folkloric Ballet Presentation
Location: Building 2, University Restaurant

MONDAY, MARCH 31

- 7:30AM-5:00PM** **REGISTRATION OPENS**
Location: Building 3
Please register here before attending Opening & General session in Building 1.
- 8:00AM-10:00AM** **GENERAL SESSION**
Location: Building 1
Moderators: Fedro Zazueta, University of Florida
Speakers:
Michael W. Chesser
Director of Meetings & Conferences, ASABE
Oscar Parra
Director of the Environmental Science Center, University of Concepcion
Theo Dillaha
Program Director of SANREM CRSP
Omar Ulloa
President of ALIA

MONDAY, MARCH 31

10:00AM-10:30AM BREAK

10:30AM-12:00PM OPENING CEREMONY

Location: Building 1

Moderators: Luis Salgado, University of Concepcion

Speakers:

Ali Saleh

Conference Chair, TIAER/Tarleton State University

Sergio Lavanchy Merino

President of the University of Concepcion

Marigen Hornkolhl

Chile Minister of Agriculture

Dennis P. McCabe

President & CEO of Tarleton State University

12:00PM-1:30PM LUNCH

Location: Building 2, University Restaurant

1:30PM-3:00PM CONCURRENT SESSIONS

I. Agricultural BMP Effectiveness

Moderator: Jose Arumi

Location: Building 3, Room 113

Assessment of conservation benefits derived from conservation practices in the United States

Jerry L Lemunyon, USDA Natural Resources Conservation Service, Fort Worth, Texas United States (J. L.Lemunyon, S. R. Potter, and R.L.Kellogg)

Revising BMP Efficiencies for the Chesapeake

Bay Watershed: Challenges and Lessons Learned

Thomas W Simpson, University of Maryland, College Park, MD United States (T.W.Simpson, S. E.Weammert)

Estimating the Water Quality Benefits of Conservation

Practices-A Modeling Approach for National Assessment Part 1 & 2

Santhi Chinnasamy, Blackland Research and Extension Center, Temple, TX, United States (C. Santhi, N. Kannan, M. Di Luzio, S. Potter, X. Wang, J.R. Williams, J.G. Arnold)

II. Regulatory Approaches to Watershed Management

Moderator: Theo Dillaha

Location: Building 3, Room 213

MONDAY, MARCH 31

II. Regulatory Approaches to Watershed Management (continued)

Modes and Capacities for Citizens Involvement in the Elqui River Watershed: an Assessment of their Role and Potentialities in the Protection and Management of its Water Resources

Ricardo L Oyarzun, Centro de Estudios Avanzados en Zonas Aridas, La Serena, IV Region Chile (C. Lostarnau, M.Señoret, E. Dattwyler, G.Soto, M.Soto, J. Oyarzun, R. Oyarzun)

Key Considerations in Development of Watershed Approaches

Ron Jones, TIAER Tarleton State University, Stephenville, TX, United States

III. Field Watershed Scale Modeling Part 1

Moderator: Alferedo Acuna

Location: Building 3, Room214

Modeling Impacts of Post Development Water Quality BMPs

John C Hayes, Clemson University, Clemson, SC United States (J.C. Hayes, B.J. Barfield, S.L. Harp, M.Chalavadi, B. Bates and D. Alexander)

Hydrologic and Chemical-Transport Modeling to Assess Watershed-Scale Impacts of Onsite Wastewater Pollutants and Future Scenarios

John E McCray, Colorado School of Mines, Golden, Co United States (J. E.McCray, M.Geza, E. Poeter)

3:00PM-3:30PM

BREAK

3:30-5:00PM

CONCURRENT SESSIONS

IV. Allocation Issues for Point and Nonpoint Sources

Moderator: Theo Dillaha

Location: Building 3, Room 113

Integrated nutrient management to control water pollution. A further step ahead referred to an Italian lake basin

Monica Garnier, Water Research Institute - National Research Council, Bari, BA Italy (M.Garnier, F. Recanatesi, N.Ripa, A.Leone)

Optimal placement of conservation practices in the Raccoon River Watershed in Iowa via a Genetic Algorithm – SWAT Interface

Philip W Gassman, Center for Agricultural and Rural Development, Ames, Iowa United States (M.Jha, S. Rabotyagov, P.W. Gassman, H. Feng, T. Campbell)

Modelling hydrological response to climate change; experience from two south – central Chilean Watersheds.

Alejandra Stehr, Centro Eula-Chile University of Concepcion, Concepcion, Chile (A.Stehr, P. Debels, J. Arumi)

MONDAY, MARCH 31

V. Emerging Tools in Water Quality Analysis

Moderator: E. William Tollner

Location: Building 3, Room 213

Emerging Concepts for Design and Management of Irrigation Canals

Jose Luis Arumi, Universidad de Concepcion, Chillan, Biobio Chile (Jose Luis Arumi;Diego Rivera;Ovidio Melo)

Exploratory Data Analysis Techniques Applied to

Hydrological Time Series I:Self- Organizing Maps

Diego Rivera, University of Concepcion, Chillan, Nuble Chile (D. Rivera, J. Arumi, M.Lillo)

Exploratory Data Analysis Techniques Applied to

Hydrological Time Series II: Wavelets Transform

Diego Rivera, University of Concepcion, Chillan, Nuble Chile (D. Rivera, J. Arumi, M.Lillo)

VI. Field Watershed Scale Modeling Part 2

Moderator: Alferedo Acuna

Location: Building 3, Room 214

Spatially-Explicit Simulation of Soil C Dynamics with the Century Model

Carlos G Tornquist, UFRGS, Porto Alegre, RS Brazil (C.G. Tornquist. J. Mielniczuk)

Presented by Phillip W. Gassman

Seasonal Nutrient Concentrations in Agricultural

Subwatersheds of the Fort Cobb Reservoir Experimental Watershed, Oklahoma, USA

John A Daniel, USAD-Agricultural Research Service, El Reno, OK United States (J. A. Daniel, J. L. Steine)

Carbon Improvements to the SWAT Model

Cole H. Green-Rossi, USDA ARS, Temple, TX United States (A. Kemanian, C.H. Green, S. Julich, J.G. Arnold)

7:00PM-9:00PM

NIGHT IN CONCEPCION DINNER

Location: Carpe Diem Restaurant

Address: Avenida Costanera 1025, San Pedro de la Paz

TUESDAY, APRIL 1

8:00AM-5:00PM

REGISTRATION OPENS

Location: Building 3

8:30AM-10:00AM

CONCURRENT SESSIONS

VII. Agricultural BMP Effectiveness Part 2

Moderator: Brian Benham

Location: Building 3, Room 113

TUESDAY, APRIL 1

VII. Agricultural BMP Effectiveness Part 2 (continued)

Stream Ecosystem Health in Rural Mixed Land-Use

Watersheds

Marie Claire G Brisbois, Dalhousie University, Halifax, Nova Scotia Canada (M.C. Brisbois, R. Jamieson, R.Gordon, A. Madani, G.Stratton)

A Multi-Criteria Decision Support Model for Assessing

Conservation Practice Adoption

George Vellidis, University of Georgia, Tifton, GA United States (G Vellidis, R Lowrance, S Crow, D Bosch, P Murphy)

Attachment of Bacterial Indicators to Particulates in Runoff from Various Soils

Saied Mostaghimi, Virginia Tech, Blacksburg, VA, United States (S. Mostaghimi, M.L. Soupier)

VIII. Data Collection to Support Water Quality/Quantity Development

Moderator: Santhi Chinnasamy

Location: Building 3, Room 213

Discovering a Link between Urban Runoff Quality and

Population Demographics

Roger H Glick, City of Austin - Watershed Protection, Austin, Texas United States

Quantitative Performance Screening Method for Flocculants Based on Particle Size Distribution Data

Sebastian F. Torrealba, University of Kentucky, Lexington, KY, United States (S.F. Torrealba, R.C. Warner)

Presented by Ali Saleh

IX. Field Watershed Scale Modeling Part 3

Moderator: Diego Rivera

Location: Building 3, Room 214

A Model Evaluation and Modification Strategy

Ramesh P Rudra, University of Guelph, Guelph, Ontario Canada (R.Rudra, A.Singh, S. Das, I. Ahmed, B. Gharabaghi)

Using AVSWAT for Investigation and Water Quality

Management of Zayandeh-Roud Watershed in Esfahan

Teymour Sohrabi, University of Tehran, Karaj, Tehran Iran (T. M Sohrabi, B. Ababaei)

10:00AM-10:30AM BREAK

10:30AM-12:00PM CONCURRENT SESSIONS

X. Watershed Management in Developing Countries

Moderator: Alejandra Stehr

Location: Building 3, Room 113

X. Watershed Management in Developing Countries (continued)

Engineered Conservation Structures Using Discarded Tires

Donald C. Slack, University of Arizona, Tucson, Arizona
United States (D. C. Slack, G. Garcia, A. Frayre, R. Segovia,
S. Hoenig, R. Roth, R. Sota)

Hydrology of forested and cultivated watersheds in upland landscapes of the Luangwa River valley, Zambia

Conrad Heatwole, Virginia Tech, Blacksburg, VA United
States (C. Heatwole, Y. Gu Her, D. Lewis, A. Travis)
Presented by Theo Dillaha

XI. Environmental Legislation, Regulation and Education Applicable to Agriculture in Developing Countries

Moderator: Brian Benham

Location: Building 3, Room 213

Comparison of Agricultural Application of Pulp Mill Residues and Traditional Soil Amendments: The Brazilian Case and International Legislation

Renata Maltz, Vida Desenvolvimento Ecologico Ltda, Porto Alegre, RS Brazil

Understanding water resources through a High School-University cooperative project development

Cecile du Mortier, Facultad de Ciencias Veterinarias, Universidad de Buenos Aires, Argentina (M. Míguez, C. du Mortier, M. Vaccaro, M. Inés Morando, A. Fernández Cirelli)

Payments for watershed services in developing countries

Theo A Dillaha, Virginia Tech, Blacksburg, VA United States
(T. Dillaha, P. Ferraro, M. Huang, D. Southgate, S. Upadhyaya, S. Wunder)

XII. Field Watershed Scale Modeling Part 4

Moderator: Alejandro Dussaillant

Location: Building 3, Room 214

A Distributed Hydrological Model of Irrigation and Agricultural Land Use at Catchment Scale: An Integrated Catchment Model Applied to Chile, IIV Region

Arnold R. Thorsten, University of Hohenheim (A.R. Thorsten, H. Uribe, T. Berger)

Surface Water Interactions with Shallow Groundwater in a Hydrologically Well-Bounded Valley in Central Chile

Jose Luis Arumi, Universidad de Concepcion, Chillan, Biobio Chile (J. Arumi, D. Rivera, E. Holzapfel, A. Fernald)

Use of CEEOT-SWAPP Modeling System for Targeting and Evaluating Environmental Pollutants

Ali Saleh, Texas Institute for Applied Environmental Research (TIAER), Stephenville, Texas United States (A. Saleh, E. Osei, O. Gallego)

TUESDAY, APRIL 1

12:00PM-1:30PM

LUNCH

Location: Building 2, University Restaurant

1:30PM-3:00PM

CONCURRENT SESSIONS

XIII. Bacterial Monitoring, Source Identification and Control Practices

Moderator: Oscar Link

Location: Building 3, Room 113

Evaluation of Microbial Water Quality Indicators in an Agricultural Watershed

Daniel R Shelton, USDA/Agricultural Research Service, Beltsville, MD United States (D.R. Shelton, J.S. Karns, J.S. Van Kessel, A.Sadeghi, C. Coppock and Y.A. Pachepsky)

Growing Season Surface Water Loading of Fecal Bacteria within a Rural Watershed

Andrew C Sinclair, Dalhousie University, Halifax, Nova Scotia Canada (A.Sinclair, D. Hebb, R. Jamieson, R.Gordon, K.Benedict, K.Fuller, G. Stratton, and A.Madani)

Comparing Alternative Methods of Simulating Bacteria Concentrations with HSPF Under Low-Flow Conditions

Brian Benham, Virginia Tech, Blacksburg, VA United States (K.Hall, B. Benham, G. Yagow)

XIV. Management Practices for Sediment Control

Moderator: Alejandra Stehr

Location: Building 3, Room 213

Reduction of Interrill Erosion by different application methods of Polyacrylamide and Gypsum

Salvador F Acuna, Purdue University/USDA-ARS NSERL, West Lafayette, IN United States (S. F. Acuna, L.D. Norton, E. Ventura)

Apparent Increases in Rainfall Extremes

Trevor Dickinson, University of Guelph, Guelph, Ontario Canada (T. Dickinson, R.Rudra)

XV. Performance and Validation of Models for Water Quality/Quantity Part 1

Moderator: Antonio Lo Porto

Location: Building 3, Room 214

Uncertainty Consideration in Watershed Scale Models

Adel Shirmohammadi, University of Maryland, College Park, MD United States (A.Shirmohammadi, A.Sexton, H.Montas)

Hydrological Modeling of a Complex Irrigation District in the Central Valley of Chile

Hamil L.Uribe, University of Concepcion (H.Uribe, T. Arnold, T. Berger, J. Arumí)

3:00PM-3:30PM

BREAK

TUESDAY, APRIL 1

3:30PM-5:00PM

CONCURRENT SESSIONS

XVI. Performance and Validation of Models for Water Quality/Quantity Part 2

Moderator: Alex Schwartz

Location: Building 3, Room 214

Assessment of Riparian Buffers for Protecting Streams from Small and Large Scale Agricultural Developments in Kenya

Ernest W Tollner, University of Georgia, Athens, GA United States (E.W. Tollner, H.Ssegane)

Modeling transport and treatment of organic trace pollutants during riverbank filtration

John McCray, Colorado School of Mines, Golden, Co United States (J. E.McCray, G.L.Oldham, J.E.Drewes, C. Hoppe)

Water Resources Assessment at Piracicaba, Capivari and Jundiá River Basin: A Dynamic Systems Approach

Rodrigo M Sánchez-Román, Universidade de São Paulo, Piracicaba, São Paulo Brazil (R.M.Sánchez-Román, M. V. Folegatti, A.M.G.Orellana-González)

XVII. Pollution Control/Management Sources for Point and Nonpoint Sources

Moderator: Roberto Urrutia

Location: Building 3, Room 213

Response of Soil, Water and Plants to Fertilization with Mineral and Organic Nitrogen Fertilizers

Vito I Sardo, University of Catania, Catania, Sicily Italy (M.Russo, R.Iacona, E.Verde, A.Belligno, V.I.Sardo)

Removal of iron and manganese existing in water in presence of sulfate by rapid sand filter

Hossein Banejad, Professor Assistance, Hamedan Iran (H.Banejad, R.Pirtaj Hamedani, V. Daneshi)

XVIII. Wetlands, Stream and River Restoration, Biomonitoring and Land Use Impacts on Downstream Water Bodies

Moderator: Gladys Vidal

Location: Building 3, Room 113

Restoration of a prior converted farm in Eastern NC with multiple target wetland communities

Michael R Burchell, North Carolina State University, Raleigh, NC United States (M.R. Burchell, R.O. Evans, K.L.Bass, S.W. Broome, J.D. Wright, and J.A.Lindgren)

Stream Restoration Project Evaluation in North Carolina, USA

Gregory D. Jennings, North Carolina State University, Raleigh, NC, United States (G. Jennings, D. Penrose, B. Doll, J. Zink, Z. Price, L. Rozzell, K. Hall, M. Shaffer)

Presented by Michael R. Burchell, II

TUESDAY, APRIL 1

XVIII. Wetlands, Stream and River Restoration, Biomonitoring and Land Use Impacts on Downstream Water Bodies (continued)

Evaluation of Flow Regime in the Mediterranean Streams Using a Flashiness Index

Antonio Lo Porto, Water Research Institute (IRSA-CNR), Bari Italy (A.M.De Girolamo, A.Lo Porto, D. De Luca, A.Abouabdillah, G.Santese)

5:00PM-5:30PM

POSTER SET-UP

Location: Building 4

6:00PM-7:00PM

POSTER RECEPTION

Location: Building 4

WEDNESDAY, APRIL 2

8:00AM-12:00PM

REGISTRATION OPENS

Location: Building 3

8:30AM-10:00AM

CONCURRENT SESSIONS

XIX. Agricultural BMP Effectiveness Part 3

Moderator: Reza Savabi

Location: Building 3, Room 113

Effect of Liquid and Dry PAM Applications on Sediment Concentrations in Surface Runoff from Furrow-irrigated Fields.

Blaine R Hanson, University of California, Davis, California United States (D.Weston, R. Long, A.Fulton)

Examination of Waste Disposal Contamination of Groundwater in Akure, Ondo State, Nigeria

Oyebola A Elemide, Federal College of Agriculture Akure Ondostate Nigeria, Akure, Ondo State Nigeria

XX. Field Watershed Scale Modeling Part 5

Moderator: Adel Shirmohamadi

Location: Building 3, Room 214

Impacts of Land Cover Change During and After Urban Development

Billy J Barfield, Woolpert, INC, Stillwater, OK United States (B.J. Barfield, J.C. Hayes, S.L. Harp, M.Chalavadi, S.Yeri, B. Bates, D. Alexander)

Modeling Impacts of Construction during Urban Development

Sam L Harp, Oklahoma State University, Perkins, OK United States (B.J. Barfield, J.C. Hayes, S.L. Harp, S.Yeri, B. Bates, D. Alexander)

WEDNESDAY, APRIL 2

XX. Field Watershed Scale Modeling Part 5 (continued)

Assessment of Bioenergy-Related Scenarios for the Boone River Watershed in North Central Iowa

Philip W Gassman, Center for Agricultural and Rural Development, Ames, Iowa United States (P. W. Gassman, S. Secchi, M.Jha)

XXI. Water Quality Issues for Forest and Rangelands

Moderator: Devendra M.Amatya

Location: Building 3, Room 213

Effects of Thinning on Hydrology and Water Quality of a Drained Pine Forest in Coastal North Carolina

Devendra M Amatya, USDA Forest Service, Charleston, SC United States (D.M.Amatya, R.W. Skaggs)

Plani-S: a tool to protect water quality on forest roads in Canada

Mark Partington, Feric, a division of FPIInnovations, Pointe-Claire, Quebec Canada

Hydrologic impacts of converting grassland to managed forest in Uruguay

George M Chescheir, N. C. State University, Raleigh, NC United States (G.M.Chescheir, R.W. Skaggs, D.M.Amatya)

10:00AM-10:30AM BREAK

10:30AM-12:00PM CONCURRENT SESSIONS

XXII. Performance and Validation of Models for Water Quality/Quantity Part 3

Moderator: Claudio Valdovinos

Location: Building 3, Room 214

Modeling the Effect of Soil Amendments on Water Balance and Water Quality

M.Reza Savabi, USDA-ARS, Miami, FL United States (M.R.Savabi, D. Shinde, S. Reed, K. Knomo)

Effects of Mining Activity on the Water Quality of the Choapa River, North Central Chile

Ricardo L Oyarzun, Centro de Estudios Avanzados en Zonas Aridas, La Serena, Chile (A. Parra, J. Oyarzún, H.Maturana, N.Krestchmer, F. Meza, R.Oyarzún)

XXIII. Water Quality Standards

Moderator: Phillip W. Gassman

Location: Building 3, Room 213

WEDNESDAY, APRIL 2

XXIII. Water Quality Standards (continued)

Development and Verification of JAZZ1D: A Stream Temperature Model

Oscar Link, University of Concepcion (O. Link, A. Espinoza and A. Stehr)

Land Use Change on the Intensive and Extensive Margin in a Biofuels Hotspot: The Case of Iowa, USA

Philip W. Gassman, Iowa State University, Iowa, United States (S. Secchi, L. Kurklaova, P.W. Gassman, C. Hart)

XXIV. Advances in Water Quality/Quantity

Moderator: Ricardo Barra

Location: Building 3, Room 113

Advances in Irrigation Water Disinfection by Solar Photocatalysis

Felipe de la Hoz, Univeristy of Concepcion, Chillan Chile (F. de la Hoz, J. Arumi, D. Rivera)

Ground Water Level and Deep Percolation Studies:

Preliminary Results for Water Resource Estimations for Drought Monitoring

John A Daniel, USDA-Agricultural Research Service, El Reno, OK United States (J. A. Daniel, N. Osborn, C. Fiebich)

Integration of applicable techniques to affected river bed contamination study by the metallic mining industry

Ana M Chavez Sernaque, Universidad De Piura, Piura Peru (A. Chávez Sernaqué, J. García Iglesias)

12:00PM-1:40PM

CLOSING CEREMONY

Location: Building 3, Room 113

12:00PM-1:40PM

LUNCH

Location: Building 2, University Restaurant

2:00PM-4:00PM

CAMPUS TOURS

Departing from Building 1

POSTER PRESENTATIONS

Poster Numbers are subject to change.

Posters will be available for viewing beginning Monday, March 31.

Poster presenters will be at their posters during the Poster and Exhibitor Reception, on Tuesday, April 1.

Poster #	Title and Authors
1	Watershed model evaluation of agricultural ditch drainage control structures for improved water quality Ali M Sadeghi, USDA-ARS, Beltsville, Maryland United States (A.Sadeghi, G.McCarty, D. Moriasi, D. Hively)
2	Decision support system for catchment management with focus on mining impacts and arid zones – Elqui Valley, Chile Nicole Kretschmer, Centro de Estudios Avanzados en Zonas Aridas, La Serena, Chile (N. Kretschmer, A.Buxo, L.Ribeiro, G.Soto, M.Soto, R.Oyarzún, M. Venegas)
3	Reducing Overland Flow by Means of Grass Hedges – Experimental Results in Northern China Ying Ju Wu, Beijing Academy of Agricultural and Forestry Sciences, Beijing China (D. Huang., W. J. Teng, J.Y.Wu, V. I.Sardo)
4	Sediment control with rice straw mat covers from sloping fields - a rainfall simulation study Joongdae Choi, Kangwon National University, Chuncheon, Gangwon-do South Korea (J. Choi, M. Shin, Y. Choi, T. Kang, M. Jung, C. Yoon)
5	AGRIRISK: A Decision Support System Integrated to SWAT to Compute Hydrologic and NPS Pollution Risk Analysis in Agricultural Watersheds Gabriel G Vazquez-Amabile, Purdue University, Tandil, Buenos Aires Argentina
6	Construction of a Digital Hydrologic Soil Group Map for Argentina to Simulate Runoff using GIS - Hydrologic Models Gabriel G Vazquez-Amabile, University of La Plata, Tandil, Buenos Aires Argentina (G.G. Amabile, P.A Mercuri, F. Gaspari, B.A.Engel)
7	Macro-level analysis of CNMPs in the Ohio River Basin Edward Osei, Texas Institute for Applied Environmental Research, Stephenville, Texas United States (E.Osei, B. Du, L.Hauck, A. Tanter) <i>Presented by Ali Saleh</i>
8	Impacts of the Agricultural Expansion in the Brazilian Legal Amazon on the Surface Runoff Generation: A Study Case Eduardo E Maeda, Brazilian National Institute for Space Research - INPE, São Paulo Brazil (E. Maeda, A. Formaggio, Y.r Shimabukuro)
9	Using QUAL2K to Investigate a Dissolved Oxygen TMDL for Oyster Creek, Texas Bing Du, Texas Institute for Applied Environmental Research, Stephenville, TX United States (B. Du and L.M.Hauck) <i>Presented by Ali Saleh</i>

POSTER PRESENTATIONS

Poster #	Title and Authors
10	Refinement and Validation of SWAT Model For Central Texas TMDL Ali Saleh, TIAER, Stephenville, Texas United States (J.B. Houser, A.Saleh, L.M.Hauck)
11	Interactions of Woody Biofuel Feedstock Production Systems with Water Resources: Resources:Considerations for Sustainability Devendra M Amatya, USDA Forest Service, Charleston, SC United States (C.C. Trettin, D.M.Amatya, and M.Coleman)
12	Swine Wastewater Treatment by a Combined System:Preliminary Results Gladys Vidal, University of Concepcion (M. Belmonte, M. Jarpa, J.L.Arami, G.Vidal)
13	Adaptive Watershed Management in the South American Highlands Victor Barrera, INIAP (Alwang, Barrera and Andrade)
14	Adaptive Watershed Management in Tiraque, Bolivia Ruben Botello, PROINPA (R.Botello, A.K. Saavedra, O. Vargas, I.Figueroa, J. Alwang)
15	Dairy Market Chains in Indigenous Communities of the Chimbo River Watershed Heather Weeks, SANREM-CRSP, Virginia, United States (H. Weeks)
16	Assessment of Bioenergy-Related Scenarios on Soil Carbon for the Boone River Watershed in North Central Iowa using Century and EPIC Philip W. Gassman, Iowa State University, Iowa, United States (P.W. Gassman, C. Tornquist, S. Secchi, T. Cambell)

Conference Organizing Committee

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CULTURAL & TECHNICAL TOURS

All tours will depart from Building 3. Please arrive 15 minutes prior to departure.

SATURDAY, MARCH 29

T#1

CONCEPCION CITY TOUR

Saturday, March 29 - 1:30PM-4:00PM

Description: Visit the most important places of the city (main square, museum, parks, Univeristy and others).

Includes: Transportation, entrance tickets to different places, tourism guide.

COST \$21 USD per person

SUNDAY, MARCH 30

T#2

RURAL TOURISM

Sunday, March 30 - 8:30AM-5:30PM

Description: The tour includes a visit to the place where Arturo Prat, one of the most important heroes of the country, was born. After that, we will visit the Los Vilches Farms, an old colonial house oriented to rural tourism.

Includes: Transportation, lunch and typical activities on the farm.

COST: \$55 USD per person

T#3

CONCEPCION CITY TOUR

Sunday, March 30 - 1:30PM-4:00PM

Description: Visit the most important places of the city (main square, museum, parks, Univeristy and others).

Includes: Transportation, entrance tickets to different places, tourism guide.

COST \$21 USD per person

MONDAY, MARCH 31

T#4

SPA AND TRADITIONS

Monday, March 31 - 8:00AM-5:00PM

Description: A full day tour visiting beautiful landscapes, the history, the native handcraft and thermal water baths at the Chillan Spa Center.

Includes: Transportation, guides, tickets to the thermal center, lunch, light finner and bath.

COST: \$78 USD per person

TUESDAY, APRIL 1

T#5

TALCAHUANO AND SAN VICENTE BAY AREA

Tuesday, April 1 - 8:00AM-12:00PM

Description: Visit to important areas along the coast of the Blo Bio Region including the industrial area. the Park Museum and the mouth of the Bio Bio River.

Includes: Transportation, entrance tickets, tourism guide

COST: \$40 USD per person

CULTURAL & TECHNICAL TOURS

WEDNESDAY, APRIL 2

T#6

ASTONISHING LOTA

Wednesday, April 2 - 9:00AM-2:00PM

Description: Visit the historical town of Lota., the place where its founders lived and the “Chifon del Diablo” coal mines guided by former miners.

Includes: Transportation, tourism guides, entrance ticket to the mine and park

COST: \$45 USD per person

THURSDAY, APRIL 3

TT#1

FOREST AND INDUSTRIAL COMPLEX, NUEVA ALDEA AND WINES

(Please note: This is a tour change from preliminary program.)

Thursday, April 3 - 9:00AM-5:30PM

Description: Visit the industrial and forest complex Nueva Aldea, which belongs to Arauco, one of the largest forestry enterprises in Latin America in terms of surface area and yeild of its plantations, production of market craft woodpulp and production of saw timber and panels. The tour will then stop at a winery for a tour and tasting, and the tour will then go to the town of Quinchamali, where you will be able to peruse local handcrafts.

COST: \$65 USD per person

T#7

THERMAL AND HANDCRAFTS

(Please note: This is a tour change from preliminary program.)

Thursday, April 3 - 9:00AM-8:00PM

Description: This tour will take you to first to the City of Chillan, where you will visit one of the most popular handcraft markets in the country. You will be driven along the beautiful Andes Mountains, after which you will enjoy lunch. A lift chair trip will take you to the base of the Chillan volcano. If choose not to view the volcano, you will be able to enjoy a thermal bath at the most important winter and thermal center within Chile, Termas de Chillan.

Includes: Transportation, guides, lunch, tickets, lift chair to volcano or thermal bath entrance.

COST: \$70 per person

FRIDAY, APRIL 4

T#8

UPPER BIO BIO RIVER

Friday, April 4 - 7:30AM-5:00PM

Description: A full day between mountains, volcanoes, rivers, lakes and green forestry in the upper end of the Bio Bio River.

Includes: Transportation, travel insurance, guide, lunch, attention aboard (cookies, beverages)

COST: \$53 USD per person