



DAM SAFETY IN THE AMERICAS

DETAILED PROGRAM AGENDA

SCHEDULE

MONDAY, 20 MAY

16:00 – 18:00 Meeting of INCA Delegates

TUESDAY, 21 MAY

7:15 – 8:15 Arrival, Registration and Coffee

8:15 – 10:00 Opening Session

Welcome and Conference Overview –
INCA Co-President Marty Teal, WEST Consultants, USA

Welcome from ICOLD – VPs of the Americas –
Dean Durkee, Gannett Fleming, USA and Joaquim
Pimenta de Ávila, Consultant, Brazil, ICOLD

Welcome to Puerto Rico

USA National Dam Safety Program – Kayed Lakhia,
Federal Emergency Management Agency, USA

Water Resources in Puerto Rico – Pully Torres,
Torres-Rosa Consulting Engineers

Special Award – Honoring Ing. Armenteros, Luis Vellacich,
ITAIPIU Binacional

10:00 – 10:30 Break in Exhibit Area, *Rio Mar 5*

10:30 – 12:30 **Dam Safety Legislation, Why Needed & Barriers** (Moderator:
Erick Campos, Instituto Costarricense de Electricidad, Costa Rica)

ALL SESSIONS WILL BE IN RIO MAR 1-3

Brazil Experience: The Challenges of 12.334 Law and Impacts of a “New” Dam Safety Legislation – Ricardo Aguiar Magalhães, Consultant, Brazil

Argentina Experience – Ailín Pertierra, Organismo Regulador de Seguridad de Presas, Liliana Guerrero Bonelli, Ministerio de Obras Públicas, Alejandro Pujol, Consultant, Argentina

Mexico Experience – Humberto Marengo, CONAGUA, Mexico

World Bank Experience – Felipe Lazaro, World Bank

Panel Discussion

12:30 – 13:30 Lunch in Exhibit Area, *Rio Mar 5*

13:30 – 15:30 **Emergency Planning and Response** (Moderator:
Alejandro Pujol, Consultant, Argentina)

US Army Corps of Engineers, Emergency Planning for Rio de La Plata – Nate Snorteland, USACE, USA

Emergency Response for Tailings Dam Incidents in Chile – Gabriel Troncoso, Geko Ingeniería, Chile

Emergency Operations – Coordinating with Responders
– Clare Raska, Canadian Dam Association, Canada

SCHEDULE

Workshops Integrating Owner Plans and External Emergency Coordination – Rafael Pereira Machado, Sedec, Luis Gustavo Fortes Westin, Neoenergia, and Ricardo Aguiar Magalhães, Consultant, Brazil

Emergency Operations Data and Post-incident Recovery – Bill Kappel, Applied Weather Associates and Ed Beadenkopf, Atkins Realis, USA

15:30 – 16:00 Break in Exhibit Area, *Rio Mar 5*

16:00 – 17:25 **Dam Safety Incidents & Case Studies**
(Part 1, Moderator: Pascual Perrazo, Carpi, Venezuela)

Incident / Case Study 1 – Incidents and rehabilitation of the foundations of El Chocón and Paso de las Piedras Dams, Argentina, Alejandro Pujol, Consultant, Argentina

Incident / Case Study 2 – ITAIPU Binational Dam Safety Knowledge Management System for ITAIPU Binacional SOAA Auscultation Analysis Optimization System, and

“*ITAIPU BINACIONAL Dam Safety Knowledge Management System*” – Ing. Ricardo Miranda, ITAIPU Binacional, Paraguay and Marcos Miranda Parque Tecnológico de Itaipu, Paraguay, Ing. Claudio Issamy Osako, ITAIPU Binacional, Brazil

Incident / Case Study 3 – Qualitative Risk Analysis for Reventazón Dam Erick Campos, Instituto Costarricense de Electricidad, Costa Rica

Incident / Case Study 4 – Experiences during the Forensic Investigation of the Failure Mode of Mount Polley Dam, Ing. Hector Barriga Gallarday, Stantec, Peru

17:25 – 17:30 *Day 1 Closing* – INCA Co-President John Wolfhope, Freese & Nichols, USA

19:00 – 21:00 Dinner and Entertainment, Ocean Terrace

WEDNESDAY, 22 MAY

7:30- 8:30 Breakfast at Conference Center, *Rio Mar 5*

8:30 – 10:15 **Dam Safety Incidents & Case Studies** (Part 2, Moderator: Angel Gutierrez, US Bureau of Reclamation, USA)

Incident / Case Study 5 – Turimiquire Dam, Concrete Face Damages and 9.800 lps Leakage – Rafael Guevara, GLG Ingenieros Consultores, Venezuela

Incident / Case Study 6 – Dam Safety Update and Quantitative Risk Analysis for La Fe Dam, Colombia, Daniel Toscano, Empresas Publicas de Medellin, Colombia

Incident / Case Study 7 – Panama Canal Dam Rehabilitation Studies, Albano Aguilar, Panama Canal Authority, Panama

Incident / Case Study 8 – Construction of Water Storage Dams in Brazil: Strengths and weaknesses around 24 topics – Daiene Bittencourt Mendes Santos, Office of the President, Ricardo Aguiar Magalhaes, Consultant, COL Luiz Antonio Dias do Carmo, Defense Superior College and Institutional Security Office of the Presidency of the Republic of Brazil, Brazil

Incident / Case Study 9 – Enhancing Dam Safety: Assessing Seismic Vulnerability of Several Dams. Camilo Marulanda, INGETEC, Colombia

10:15 – 10:45 Break in Exhibit Area, *Rio Mar 5*

10:45 – 12:30 **Sedimentation**
(Moderator: Marty Teal, WEST Consultants, USA)

Puerto Rico Case Study – Greg Morris, GLM Engineering, USA

SCHEDULE

Water Injection Dredging: Tuttle Creek Lake Pilot Project – Zach Tyler, John Shelley, Darixa Hernandez-Abrams, USACE, USA

Peruvian Experience with Reservoir Sediment Management, Miguel Suazo, COPGP, Perú

ICOLD Committee Activities, Marty Teal, WEST Consultants, USA

12:30 – 13:30 Lunch in Exhibit Area, *Rio Mar 5*

13:30 – 15:00 **Sedimentation – cont.** (Moderator: Axel Montalvo – Bartolomei, USACE, USA)

Guatemalan River of Plastics – Paul Meeks, Worthington Products, USA

Reservoir Sediment Management Strategies – World Bank – Nikos Efthymiou, World Bank

Bathymetric surveying in the ITAIPU reservoir to monitor sediment advancement, Giovanni Gomez Villa, ITAIPU BINACIONAL, Paraguay

Sediment & Debris Management, Panel Discussion

15:00 – 15:30 Refreshment Break in Exhibit Area, *Rio Mar 5*

15:30 – 16:00 *Overview of Field Tour* – Greg Morris

16:00 – 16:30 *Day 2 Closing* – INCA Co-Presidents, Marty Teal, WEST Consultants, and John Wolfhope, Freese & Nichols, USA

19:00 – 21:00 Dinner and Entertainment, Caribbean ballroom

THURSDAY, 23 MAY

7:30 – 8:30 Breakfast at Conference Center, *Rio Mar 5*

8:30 – 15:30 **Field Tour**

Lago Loiza & Carraizo Dam

Rio Blanco Dam

Lunch on your own at Kioscos, Liquillo, Puerto Rico

EXHIBITORS

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VENUE INFORMATION

REGISTRATION

Pick up your name badge in the Atrium outside of the Rio Mar Ballrooms

- Monday, 5/20 16:00 - 18:00
- Tuesday, 5/21 7:00 - 8:15
- Wednesday, 5/22 7:30 - 8:30

FIELD TOUR THURSDAY, 5/23

* Included in full conference registration but RSVP is required, no walk-ups allowed

- The tour will go regardless of weather, please bring rain gear if the forecast calls for rain
- PPE will be provided
- A Waiver will be required to be signed before boarding the buses

Evening Events are ticketed, guests must be registered to attend

