

GFP/Hydro-Met: Global/Regional Work/Science Results

When: Monday, September 4th, 2:45-4:15pm

Session Objectives:

- Introduction/presentation of available and relevant data and model simulations that exist to gain familiarity with capabilities, products, models, and other data being used at global to local scales
- Discussion/presentation of what methods the community are currently using.
- Outline and discuss challenges and opportunities that exist within current capabilities.
- What data/models/products are needed to better facilitate hydro-meteorological applications within the region that the community may be able to develop/create/generate

Organization:

Monday	14:45-16:15	Global/regional work/science results
Monday	16:30-18:30	Regional work and implementation
Tuesday	9:30-10:45	Discussion of needs/opportunities, operational activity presentations
Tuesday	14:45 – 16:15	Hydrometeorology and Agricultural Discussion: Sharing of Best Practices across the region

CHAIRS:

Juan Borus (INA)
 Vila (SMN)
 Albert Kettner (Univ. of Colorado)
 Fritz Policelli (NASA)

Monday: 14:45-18:30

Time	Topic/title	Presenter	Status of presenter
14:45-15:00	Introductions, setting the stage for the GFP/Hydro-met sessions	Chairs: Juan Borus and Albert Kettner	
15:00-15:15	Global Flood Analysis and Forecasting Using Satellite Rainfall Information Coupled with Land Surface and Routing Models	Bob Kuligowski (NOAA), bob.kuligowski@noaa.gov , USA	Confirmed
15:15 – 15:30	NASA, MODIS NRT Automated Flood Mapping project	Fritz Policelli (NASA), Fritz.S.Policelli@nasa.gov , USA	Confirmed
15:30-15:45	Floods: The role of National Water Institute (INA) in the monitoring, mapping and response	Juan Borus (National Water Institute) jborus@ina.gob.ar , Argentina	Confirmed
15:45-16:00	Challenges and Opportunities in using EO	Crystal Conway, Miguel, Nhilce, GIS Engineer for the National	Confirmed

	Data for DRR: Can youth bridge the gap?	Drainage and Irrigation Authority of Guyana	
16:00-16:15	A Regional Hydromet Observatory in Córdoba	Andres Rodriguez (Hidro-met Observatory of Cordoba), androdminplan@gmail.com	Confirmed
Coffee Break			
16:30-16:45	Satellite data: Operative response during the hydro-met emergencies	Andres Lighezzolo (CONAE), alighezzolo@conae.gov.ar ,	Confirmed
16:45-17:00	Brazil's Flood Awareness System (GloFAS forecasting flood hazards)	Marcio Moraes (CEMADEN), marcio.moraes@cemaden.gov.br , Brazil	Confirmed
17:00-17:15	GeoSUR – towards a Portal that provides access to spatial data published by Latin American and Caribbean agencies	Jesus Suniaga (CAF), JSUNIAGA@caf.com , Colombia	Confirmed
17:15-17:30	Flood Risk Analysis in an Underserved Area of Chaco, Argentina and Identification of Mitigation Strategies.	Barbara Albornoz	Confirmed
17:30-17:45	Overview of how the US National Water Center (NWC) is/will be operating	Sagy Cohen (Alabama Univ.), sagy.cohen@ua.edu , USA	Confirmed
17:45-18:00	Improving high impact weather and climate prediction for societal resilience in Subtropical South America: Proyecto RELAMPAGO-CACTI	Paola Salio	<u>Confirmed</u>
18:00 – 18:30	Discussion & poster presentations Posters: 1) Raha Kimdavar	Chairs: Juan Borus and Albert Kettner	

Tuesday: 9:30 - 10:45

Time	Topic/title	Presenter	Status of presenter
9:30 - 9:45	Landslides in the city of Rio de Janeiro: the strategies before and during the rain	Marcelo Abranches Abelheira, Municipal Civil Defense Technician in the Rio city government marceloabelheira@gmail.com	Confirmed

9:45 – 10:00	Adaptation: vulnerability index on Climate Change	Adriana Cortés	Confirmed
10:00-10:15	Vulnerability index for some of the region's cities, such as Arequipa in Peru, part of Sao Paulo in Brazil, Guayaquil in Ecuador	Andrea Rispo, CAF	Confirmed
10:15-10:30	Using Earth Engine to map floods then (5000+ Historic Flood Events) and now	Beth Tellman (State Univ. of Arizona), btellman@asu.edu , USA	Confirmed
10:30-10:45	Discussion	Chairs: Luciano Vidal (SMN) & Fritz Policelli (NASA) ??	
Coffee Break			

Tuesday 14:45-16:15

Time	Topic/title	Presenter	Status of presenter
14:45-14:55	Introduction of attendees, objectives of session, definition of needs	Chairs: Lori Schultz and Ramon de Elia	
14:55-15:20	Introduction of NASA water products and example of SPoRT R2O	Lori Schultz, NASA MSFC/UAH	Confirmed
15:20 – 15:45	SMN presentation	Luciano Vidal. From Servicio Meteorologico Nacional (SMN)	Confirmed
15:45 – 16:15	Discussion on opportunities and needs	Chairs: Lori Schultz and Ramon de Elia	Confirmed