



AmeriGEOSS Week 2018

National Institute for Space Research – INPE

Av. dos Astronautas 1758

LIT – Integration and Testing Laboratory

São José dos Campos, SP, 12227-010

Monday, August 6 - Morning					
Fernando Mendonça Auditorium (LIT 2nd Floor, Tower A)					
OPENING SESSION		SPEAKERS		Schedule	
Welcome from GEO Principal Brazil		Rodrigo Castro, on behalf of GEO Principal Brazil (Ministry of Foreign Affairs, Brazil)		9:00 - 9:10	
Welcome from Ministry of Science, Technology, Innovation and Communications (MCTIC)		Osvaldo Moraes, on behalf of MCTIC (CEMADEN, Brazil)		9:10 - 9:20	
Welcome from INPE		Ricardo Galvão, Director (INPE, Brazil)		9:20 - 9:30	
GEO Overview and Future Plans		Gilberto Camara, Director (GEO Secretariat)		9:30 - 9:55	
Implementing GEO's vision through a regional approach		Stephen Volz, GEO Lead Co-Chair (NOAA, USA)		9:55 – 10:15	
BREAK					10:15 – 10:45
AmeriGEOSS Initiative Overview		Angelica Gutierrez, AmeriGEOSS Initiative Chair (NOAA, USA)		10:45 – 11:00	
UN Environment: enhancing national and regional environmental information and knowledge management in Latin America and the Caribbean		Francesco Gaetani (United Nations Environment Programme – UNEP)		11:00 – 11:30	
MBON Initiative Goals and Outcomes Marine Biodiversity Workshop: from the Sea to the Cloud - Pole to Pole MBON of the Americas (P2P)		Frank Muller-Karger (University of South Florida, USA) Emmett Duffy (Smithsonian Institution, USA) Antonio Marques (Universidade de São Paulo, Brazil) Enrique Montes (University of South Florida, USA)		11:30 - 12:00	
Introduction and Welcoming Remarks at individual courses & daily agenda for courses and locations		Instructors (5 minutes per course)		12:00 - 12:25	
Side sessions and Logistics		Hilcea Ferreira (INPE, Brazil)		12:25 - 12:30	
LUNCH					12:30 – 13:30
Monday, August 6 – Afternoon					
Parallel Sessions					
COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat (LIT 2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C (LIT 1st Floor, Tower A)	13:30 – 15:30
Meetings	Caucus Americas Meeting Training Room B (LIT 1st Floor, Tower A)		Agricultural Monitoring in the Americas WG Meeting Fernando Mendonça Auditorium (LIT 2nd Floor, Tower A)		13:30 – 15:30
COFFEE BREAK					15:30 – 16:00
COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat (LIT 2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C (LIT 1st Floor, Tower A)	16:00 – 17:30
Meetings	Caucus Americas Meeting Training Room B (LIT 1st Floor, Tower A)		Agricultural Monitoring in the Americas WG Meeting Fernando Mendonça Auditorium (LIT 2nd Floor, Tower A)		16:00 – 17:30
ADJOURN					17:30
Social Event					18:00 – 21:00



Tuesday, August 7 - Morning

COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat – LIT (2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C (LIT 1st Floor, Tower A)	9:00 – 10:30
Meetings	AmeriGEOSS Coordination Working Group Meeting Training Room B (LIT 1st Floor)				9:00 – 10:30
	Agriculture: CONAB SIMASA demo Fernando Mendonça Auditorium (LIT 2nd Floor)				
COFFEE BREAK					10:30 – 11:00
COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat – LIT (2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C (LIT 1st Floor, Tower A)	11:00– 12:30
Meetings	AmeriGEOSS Coordination Working Group Meeting Training Room B (LIT 1st Floor)				11:00– 12:30
	Agriculture: CONAB SIMASA demo Fernando Mendonça Auditorium (LIT 2nd Floor)				
LUNCH					12:30 – 13:30

Tuesday, August 7 – Afternoon

Fernando Mendonça Auditorium (LIT 2nd Floor, Tower A)

AGRICULTURE SESSION Moderator: Alyssa Whitcraft	SPEAKERS	Schedule
GEOGLAM and Agricultural Monitoring in the Americas Working Group (AMA-WG)	Alyssa Whitcraft (GEOGLAM Secretariat, USA)	13:30 – 14:00
The CBERS Satellites for Agriculture Monitoring	João Viane Soares (INPE, Brazil)	14:00 – 14:15
Red Colombia de Agricultura (Colombian Agriculture Network)	Cesar Valbuena Calderon (Red Colombiana de Agricultura, Colombia)	14:15 – 14:30
Estimating the impact of climate change on Brazil's agricultural sector	Marcia Zilli (INPE, Brazil)	14:30 – 14:45
Sistemas de información y soporte para la toma de decisión en la producción agropecuaria. Un ejemplo desde Uruguay.	Guadalupe Tiscornia (Instituto Nacional de Investigación Agropecuaria, Uruguay)	14:45 – 15:00
The Global Agricultural Monitoring (GLAM) System for Crop Condition and Food Security Monitoring	Michael Humber (University of Maryland, USA)	15:00 – 15:15
BREAK & POSTER SESSION DISASTERS & ECOSYSTEMS & WATER Fernando Mendonça Atrium (LIT 2nd Floor)		15:15 – 16:15
FOUNDATIONAL ACTIVITIES SESSION Moderator: Nancy Searby	SPEAKERS	Schedule
GeoNetCast Americas	Luiz Augusto Machado (INPE, Brazil)	16:15 – 16:30
AmeriGEOSS Platform Demo	Rich Frazier (USGS, USA)	16:30 – 16:45
CEOS Working Group on Capacity Building and Data Democracy (WGCapD) – An Overview on Activities & Initiatives	Nancy Searby (NASA, USA)	16:45 – 17:00
NASA DEVELOP National Program's Applications in the Americas: Utilizing NASA Earth Observations in Agriculture, Ecological, and Water Resource Feasibility Studies	Georgina Crepps (NASA, USA)	17:00 – 17:15
Mapping Precipitation and Solar Potential in the Guiana Shield with Satellite Data	Tommy Albarelo (University of French Guiana, French Guiana)	17:15 – 17:30
ADJOURN		17:30



Wednesday, August 8 - Morning

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COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat (LIT, 2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C (LIT, 1st Floor, Tower A)	9:00 – 10:30
Meetings	Workshop on Disasters (Rodrigo Suarez & Luciano Parodi & Nancy Searby) Fernando Mendonça Auditorium (LIT 2nd Floor, Tower A)				9:00 – 10:30
	National-Scale Crop Mapping Training Agriculture – Viviann Zalles & Mike Humber Training Room B (LIT 1st Floor, Tower A)				
COFFEE BREAK					
COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat - LIT	AmeriGEOSS Platform Training Room C (LIT 1st Floor, Tower A)	11:00– 12:30
Meetings	Workshop on Disasters (Rodrigo Suarez & Luciano Parodi & Nancy Searby) Fernando Mendonça Auditorium (LIT 2nd Floor, Tower A)				11:00– 12:30
	National-Scale Crop Mapping Training Agriculture – Viviana Zalles & Mike Humber Training Room B (LIT 1st Floor, Tower A)				
LUNCH					
Meetings	National-Scale Crop Mapping Training Agriculture – Viviana Zalles & Mike Humber Training Room B (LIT 1st Floor, Tower A)				13:30 – 17:30

Wednesday, August 8 – Afternoon

Fernando Mendonça Auditorium (LIT 2nd Floor, Tower A)

ECOSYSTEMS SESSION Moderator: Africa Flores	SPEAKERS	
Revealing the fate of tropical forests through Earth observation data	Luiz de Aragão (INPE, Brazil)	13:30 – 13:50
INPE's role in the Brazilian Ecosystems Environmental Monitoring Program	Dalton Valeriano (INPE, Brazil)	13:50 – 14:10
SilvaCarbon Initiative	Africa Flores (NASA, USA)	14:10 – 14:30
The use of Sentinel-2 images to identify Eragrostis plana invasion in Pampa biome rangelands	Eliana Lima da Fonseca (Universidade Federal do Rio Grande do Sul, Brazil)	14:30 – 14:45
Use of public Earth Observation data for tracking progress in sustainable management of coastal forest ecosystems in Belize, Central America	Betsy Hernandez (NASA and University of Alabama in Huntsville, USA)	14:45 – 15:00
BREAK & POSTER SESSION DISASTERS & ECOSYSTEMS & WATER <small>Fernando Mendonça Atrium (LIT 2nd Floor, Tower A)</small>		15:00 – 15:30
WATER SESSION Moderator: Angelica Gutierrez	SPEAKERS	Schedule
GEO Global Water Sustainability Initiative (GEOGLOWS)	Angelica Gutierrez National Oceanic and Atmospheric Administration (NOAA), USA	15:30– 15:40
CEMADEN Activities and their contribution to GEOGLOWS	Osvaldo Moraes National Centre for Monitoring and Early Warning of Natural Disasters (CEMADEN), Brazil	15:40– 16:00
The Common Swiss Information Platform for Natural Hazards (GIN)	Karine Siegwart, Federal Office for the Environment (FOEN), Switzerland	16:00 – 16:15
Hydrological Monitoring – CPRM's Experience	Andrea de Oliveira Germano Geological Service (SGB/CPRM), Brazil	16:15 – 16:30
The National Hydro-meteorological network - monitoring critical events	Geraldo Lucatelli Junior National Water Agency (ANA) - Brazil	16:30 – 16:45
LabISA ongoing studies supporting the monitoring of Brazilian Inland Waters	Claudio Barbosa National Institute of Space Research (INPE), Brazil	16:45 – 17:00
Brazil's experience using multi-platform satellite data to monitor the Doce River coastal plume after a major environmental disaster with a tailings dam collapse	Natalia Rudorff (INPE, Brazil) National Institute of Space Research (INPE), Brazil	17:05– 17:15
Q & A		17:15 – 17:30
ADJOURN		17:30



Thursday, August 9 - Morning					
COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat – (LIT, 2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C (LIT, 1st Floor, Tower A)	9:00 – 10:30
COFFEE BREAK					10:30 – 11:00
COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat – (LIT, 2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C – (LIT, 1st Floor, Tower A)	11:00– 12:30
LUNCH					12:30 – 13:00
Thursday, August 9 – Afternoon Fernando Mendonça Auditorium (LIT 2 nd Floor, Tower A)					
DISASTERS SESSION Moderator: Rodrigo Suarez		SPEAKERS			Schedule
AmeriGEOSS Disasters Working Group		Rodrigo Suarez (Universidad Técnica Federico Santa María, Chile)			13:30 – 13:50
Disasters Charter in the Americas and Examples of usage		Laercio Namikawa (INPE, Brazil)			13:50 – 14:10
Uso de aeronaves autónomas para recabar información durante la emergencia de la erupción del volcán de Fuego del 3 de junio de 2018		Jorge Jaar (Aerobots, S.A, Guatemala)			14:10 – 14:25
Integrating fire pixels with rural properties areas in a warning system to subsidize planning and decision making for mitigating wildfires in Acre, Brazilian Amazon		Liana Anderson (CEMADEN, Brazil)			14:25 - 14:40
Risk mapping for landslides and floods associated with the movement of urban trains: a case study around Caieiras station of Line 7 Rubi of CPTM, São Paulo, Brazil		Thais Passos Correia (Universidade de São Paulo, Brazil)			14:40 – 14:55
Geoinformation for Disaster Management and Risk Reduction; The Role of Geospatial Standards		Trevor Taylor (Open Geospatial Consortium, Canada)			14:55 – 15:05
BREAK & POSTER SESSION DISASTERS & ECOSYSTEMS & WATER Fernando Mendonça Atrium (LIT 2 nd Floor, Tower A)					15:05 – 16:00
BIODIVERSITY & ECOSYSTEMS SESSION Moderator: Betzy Hernandez		SPEAKERS			Schedule
The GEO Blue Planet Initiative: Ocean and Coastal Observations for Societal Benefit		Samuel Djavidnia (GEO Blue Planet, Portugal) (TBC)			16:00 – 16:15
AfriGEOSS Initiative		Zipho Tyoda (Department of Science and Technology, South Africa) (TBC)			16:15 – 16:30
Harnessing Earth Observations to Support Indigenous-led Land Management		Karyn Tabor (Conservation International, USA)			16:30 – 16:45
SiB Colombia: Compartir y acceder a datos sobre biodiversidad		Leonardo Buitrago (Instituto de Investigación de Recursos Biológicos Alexander von Humboldt, Colombia)			16:45 – 17:00
The connection between end users and regional climate information for the effective decision making		Alejandro Solis (Center for Digital Acceleration - DAI, Costa Rica)			17:00- 17:15
Q&A					17:15 – 17:30
ADJOURN					17:30



Friday, August 10 - Morning

COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat – (LIT, 2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room (LIT, 1st Floor, Tower A)	9:00 – 12:30
COFFEE BREAK					10:30 – 11:00
COURSES	Course 1 Disasters Management LABGEO	Course 2 Ecosystems Management LABGEO	Course 3 GOES-16 & GEONETCast Americas Roger Honiat (LIT, 2nd Floor, Tower B)	Course 4 AmeriGEOSS Platform Training Room C (LIT, 1st Floor, Tower A)	9:00 – 12:30
LUNCH					12:30 – 13:00

Friday, August 10 – Afternoon

Fernando Mendonça Auditorium (LIT 2nd Floor)

INTERNATIONAL COOPERATION SESSION	SPEAKERS	Schedule
About IAI (Inter - American Institute for Global Change Research) and Regional Coordination	Marcos Regis da Silva (InterAmerican institute for Global Change Research – IAI)	13:30 – 13:50
IAI Capacity Building Activities and Approaches	Marcella Ohira (InterAmerican institute for Global Change Research – IAI)	13:50 – 14:10
International Nitrogen Initiative (INI) for Latin America- IAI Collaborative Research Network (CRN)	Jean Ometto (INPE, Brazil)	14:10 – 14:30
The Atlantic International Research Centre: a framework for collaboration along and across the Atlantic Ocean	Jose Moutinho (Atlantic International Research Centre, Portugal)	14:30 – 14:45
Q&A SESSION		14:45 – 15:15
COFFEE BREAK		15:15 – 15:30
Courses Outcomes - Sharing Lessons Learned	Presentation by Trainers/Trainees	15:30 – 17:15
Closing Remarks	Angelica and Lubia	17:15 - 17:30
ADJOURN		17:30