

Final Agenda Version 3.0 July 2014

Managing Data from Seismic Networks
26-31 July 2014
Bogota, Colombia

L=LECTURE
C=COMPUTER LAB

25-Jul-2014	Friday	DURATION	Hotel		NH Bogota 93 hotel
	18:00	3:00	Registration and Reception software installation (virtual box, OBSPY, etc)	L	
26-Jul-2014	Saturday				
	8:30	1:00	Registration Continues		Ms. Gale Cox
	9:30	0:20	Welcome and Introductions The purpose of the workshop Introduction of participants Introduction of Lecturers	L	Dr. Tim Ahern
	9:50	0:15	An Overview of IRIS Data Services and International Development	L	Tim Ahern
	10:05	0:20	Review of Agenda	L	Tim Ahern
	10:25	0:10	Logistics	L	Cox
	10:35	0:30	Group Photograph		
	11:05	0:30	Break		
	11:35	0:30	The FDSN and International Data Exchange		Prof. Göran Ekstrom
	12:05	1:25	Lunch		
	13:30	3:00	Seismic Stations		
			Site Selection and Installation, Seismometers, Acquisition Systems, Communication Systems	L	Dr. Peter Davis
	16:30	1:30	Real Time Data Techniques SeedLink real time streams the IRIS turnkey SeedLink server Sources of data - specific solutions Earthworm, Antelope, CD1.x, Reftek, Quanterra, Guralp, Nanometrics Seisan	L	Mr. Rick Benson Mr. Rafael Pujols
	18:00		Adjourn		

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27-Jul-2014	Sunday	DURATION		
	9:00	0:30	Understanding SEED Headers	L Tim Ahern
	9:30	1:00	Station Metadata: What you'll need	L Dr. Mary Templeton
	10:30	0:30	Break	
	11:00	0:20	Station Metadata: NRL	L Mary Templeton
	11:20	1:10	Building Station Metadata using PDCC	C Rick Benson
	12:30	1:30	Lunch	
	14:00	1:30	Classroom Practice	C
	15:30	0:30	Building Network Metadata using PDCC	L Rick Benson
	16:00	0:30	cloning stations Classroom practice using spreadsheets	C L Rick Benson
	16:30	0:30	Questions about the days material	L Participants
	17:00	0:45	Network Reports Argentina Aruba Brazil - Rio de Janeiro	1 Andres Nacif 2 Marck Oduber 3 Stéphane Drouet
	17:45		Adjourn	

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28-Jul-2014	Monday	DURATION		
	8:30	2:00	Classroom Practice Using PDCC to build full network metadata	L
	10:30	0:30	Break	
	11:00	1:00	Classroom Practice Using PDCC to build full network metadata	
	12:00	1:00	Lunch	
	13:00	0:30	Working with the IRIS DMC The goal - a unified data set to use in ASI Data Ingestion Data Curation Data Distribution email based real time data web services	L Tim Ahern Tim Ahern Rick Benson Rick Benson Rick Benson Tim Ahern
	13:30	0:45	Network Reports Cayman Islands Colombia Costa Rica - University of Costa Rica	L 4 5 6 Participants Lee Madison Jaime Raigosa Maria Araya
	14:15	0:20	Usage Reports	L Tim Ahern
	14:35	0:40	Data Products	L Tim Ahern
	15:15	0:30	Break	
	15:45	1:00	Requesting a standardized data set for the FDSN Network	C Rick Benson
	16:45	0:45	Network Reports Chile Costa Rica - OVSICORI Cuba	L 7 8 9 Participants Alex Becerra Hairo Villalobos Manuel Cutie
	17:30		Adjourn	

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29-Jul-2014	Tuesday	DURATION		
	8:30	2:00	Seismic Analysis Systems SeisComp3	L Dr. Bernd Weber
	10:30	0:30	Break	
	11:00	1:00	Scientific Uses of Modern Seismological Data The many uses of continuous broadband data	L Göran Ekstrom
	12:00	1:30	Lunch	
	13:30	2:00	SeisComp3 Continued	L Bernd Weber
	15:30	0:15	Break	
	15:45	2:00	SeisComp3 Continued	L Bernd Weber
	17:45	0:15	Break	
	18:00	1:00	SeisComp3 Continued	L Bernd Weber
	19:00		Adjourn	

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30-Jul-2014	Wednesday	DURATION		
L	8:30	2:00	SeisComp3 Continued	L Bernd Weber
	10:30	0:30	Break	
	11:00	1:30	SeisComp3 Continued	L Bernd Weber
	12:30	1:30	Lunch	
	14:00	2:00	SeisComp3 Continued	L Bernd Weber
	16:00	1:00	Break	
	17:00	1:00	Moment tensors and the Global CMT Project	L Göran Ekstrom
			The Bogota Challenge	L Göran Ekstrom
			Network Reports	L Participants
			Dominican Republic Ecuador Honduras Jamaica	10 Rafael Pujols 11 Wilson Acero 12 Jose Escobar Figueroa 13 Paul Williams
18:00		Adjourn		
19:00		Farewell Dinner Presentation of Certificates	Hosted by IRIS	
Evening Assignment		Completion of Workshop Evaluation Forms		

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31-Jul-2014	Thursday	DURATION		
	8:30	2:00	Tools for Analyzing Data An introduction to Python	L Prof. Joachim Wassermann
	10:30	0:30	Break	
	11:00	1:30	Tools for Analyzing Data ObsPy	L Joachim Wassermann
	12:30	1:30	Lunch	
	14:00	1:00	ObsPy Continued	L Joachim Wassermann
	15:00	0:30	Break	
	15:30	1:00	ObsPy Continued	L Joachim Wassermann
	16:30	1:00	MUSTANG - improved quality control for seismic networks	L Tim Ahern
	17:30	1:00	Network Reports Mexico Nicaragua Panama Venezuela	14 Jose Perez 15 Emilio Talavera 16 Brandon Christensen 17 Adriana Liendo Tim Ahern
	18:30		Wrapup	
	18:30		Adjourn	
1-Aug-2014	Friday		Metadata Workshop Participants Depart unless attending ASI Workshop	
			IRIS International Development Seismology Advanced Studies Institute Workshop Begins	