

EC at AGU 2017

Monday [[pdf](#)]

Time	Session	Title	Location	Presenter
08:18 - 08:21	IN11D-06	Beta Testing StraboSpot: Perspectives on mobile field mapping and data collection	eLightning Area	Emily Bunse
08:35 - 08:45	IN11F-04	Optimizing Resources for Trustworthiness and Scientific Impact of Domain Repositories	Room 231-232	Kerstin Lehnert
09:05 - 09:15	IN11F-07	The Environmental Data Initiative data repository: Trustworthy practices that foster preservation, fitness, and reuse for environmental and ecological data	Room 231-232	Mark Stephen Servilla
10:20 - 10:35	IN12B-01	Seven [Data] Habits of Highly Successful Researchers	Room 231-232	Danie Kinkade
10:35 - 10:50	IN12B-02	The HydroShare Collaborative Repository for the Hydrology Community	Room 231-232	David G Tarboton
10:35 - 10:50	IN12C-02	Polar Domain Discovery with Sparkler	Room 228-230	Siri-Jodha S Khalsa
10:50 - 11:05	IN12B-03	IEDA : Integrated Services: Improving the User Experience for Interdisciplinary Earth Science Research	Room 231-232	Megan Carter-Orlando
12:05 - 12:20	IN12B-08	DataONE: Gateway to Earth and Environmental Data Repositories (Invited)	Room 231-232	Rebecca Koskela
13:40 - 18:00	IN13A-0053	Semi-automatic Data Integration using Karma	Poster Hall D-F	Mayank Kejriwal
13:40 - 18:00	IN13A-0057	Visualizing TZVOLCANO GNSS Data with Grafana via the EarthCube Cyberinfrastructure CHORDS: an Example of Dashboard Creation for the Geosciences	Poster Hall D-F	ThaoVy Tuong Nguyen

13:40 - 18:00	IN13C-0079	The Neotoma Paleoeecology Database: An International Community-Curated Resource for Paleoeological and Paleoenvironmental Data	Poster Hall D-F	John W Williams
13:55 - 14:10	IN13D-02	Simplifying the Reuse and Interoperability of Geoscience Data Sets and Models with Semantic Metadata that is Human-Readable and Machine-actionable	Room 231-232	Scott Peckham
14:51 - 14:58	IN13E-09	OntoSoft: A Software Registry for Geosciences	Room 228-230	Daniel Garijo
15:10 - 15:25	T13G-07	Distributions of high-velocity lower crust and seismic anisotropy across the continental U.S.: Integration of seismic, xenolith, and surface geologic data to address lithospheric dynamics and history	Room 215-216	Kevin H Mahan
15:14 - 15:28	P13F-08	A Preview of 2014MU69 Revealed by HST and a Ground-based Stellar Occultation	R04-R05	Marc W Buie
15:33 - 15:40	IN13E-15	Advances and Directions for the Intelligent Systems for Geosciences Research Community: Updates and Opportunities from the NSF EarthCube IS-GEO RCN	Room 228-230	Suzanne A Pierce
16:15 - 16:30	IN14A-02	Understand your Algorithm: Drill Down to Sample Visualizations in Jupyter Notebooks	Room 228-230	Brian E Mapes

Tuesday [\[pdf\]](#)

Time	Session	Title	Location	Presenter
08:00 - 12:20	IN21B-0034	Sequencing Data Discovery and Integration for Earth System Science with MetaSeek	Poster Hall D-F	Adrienne Hoarfrost

08:00 - 12:20	IN21B-0049	EarthCube Data Discovery Hub: Enhancing, Curating and Finding Data across Multiple Geoscience Data Sources	Poster Hall D-F	Ilya Zaslavsky
08:00 - 12:20	IN21C-0050	Working Smarter Not Harder – Developing a Virtual Subsurface Data Framework for U.S. Energy R&D	Poster Hall D-F	Kelly Rose
08:00 - 12:20	IN21C-0056	Digital Rocks Portal: a Sustainable Platform for Data Management, Analysis and Remote Visualization of Volumetric Images of Porous Media	Poster Hall D-F	Masa Prodanovic
08:00 - 12:20	IN21D-0072	Facilitating the Easy Use of Earth Observation Data in Earth System Models through CyberConnector	Poster Hall D-F	Liping Di
11:50 - 12:05	IN22A-07	Evaluating Commercial and Private Cloud Services for Facility-Scale Geodetic Data Access, Analysis, and Services	Room 228-230	Charles M Meertens
13:40 - 13:55	IN23E-01	Moving Towards a Science-Driven Workbench for Earth Science Solutions	Room 231-232	Sara J Graves
13:40 - 18:00	A23G-2460	Detection and Estimation of 2-D Distributions of Greenhouse Gas Source Concentrations and Emissions over Complex Urban Environments and Industrial Sites	Poster Hall D-F	T Scott Zaccheo
15:10 - 15:25	IN23F-07	Visual Analytics for Heterogeneous Geoscience Data	Room 228-230	Lina Yu

Wednesday [[pdf](#)]

Time	Session	Title	Location	Presenter
08:00 - 12:20	H31G-1599	Short-term Temperature Prediction Using Adaptive Computing on Dynamic Scales	Poster Hall D-F	Weiming Hu

08:20 - 08:30	IN33B-0116	Open Core Data approaches to exposing facility data to support FAIR principles	Room 231-232	Douglas Fils
08:43 - 08:46	IN33B-0118	Entity Linking Leveraging the GeoDeepDive Cyberinfrastructure and Managing Uncertainty with Provenance	Room 231-232	Roland Maio
08:48 - 09:00	IN31D-05	Multivariate spatiotemporal visualizations for mobile devices in Flyover Country	Room 228-230	Shane Loeffler
09:25 - 10:00		Panel Discussion on state of the art and perspectives in network theory and linked data in the earth sciences	Room 231-232	Peter Arthur Fox
10:20 - 10:35	ED32B-01	Community-managed Data Sharing, Curation, and Publication: SEN on SEAD	Room 242	Jim Myers
10:53 - 11:08	IN32A-03	LinkedEarth and 21st century paleoclimatology: reducing data friction through standard development	Room 231-232	Deborah Khider
11:32 - 11:44	IN32A-06	Data Type Registry – Cross Road Between Catalogs, Data And Semantics	Room 231-232	Stephen M Richard
11:44 - 11:56	IN32A-07	Building connected data standards to promote interdisciplinary research in the paleogeosciences- PaleON, Neotoma, THROUGHPUT	Room 231-232	Simon J Goring
12:30 - 13:30	TH33C	Town Hall: EarthCube: A Community-driven Cyberinfrastructure for the Geosciences – A Progress Report	Room 211-213	Mohan Ramamurthy
13:40 - 18:00	IN33B-0116	Open Core Data approaches to exposing facility data to support FAIR principles	Poster Hall D-F	Douglas Fils
13:40 - 18:00	IN33B-0118	Entity Linking Leveraging the GeoDeepDive Cyberinfrastructure and Managing Uncertainty with Provenance	Poster Hall D-F	Roland Maio

13:40 - 18:00	IN33B-0126	Physical Samples Linked Data in Action	Poster Hall D-F	Peng Ji
13:40 - 18:00	IN33C-0134	Enabling High-performance Interactive Geoscience Data Analysis Through Data Placement and Movement Optimization	Poster Hall D-F	Hongfeng Yu
13:40 - 18:00	IN33C-0137	NetCDF-CF: Supporting Earth System Science with Data Access, Analysis, and Visualization	Poster Hall D-F	Ethan Davis
13:40 - 18:00	IN33C-0139	The Frictionless Data Package: Data Containerization for Automated Scientific Workflows	Poster Hall D-F	Adam Shepherd
13:40 - 18:00	IN33C-0140	The SeaView EarthCube project: Lessons Learned from Integrating Across Repositories	Poster Hall D-F	Karen I Stocks
13:40 - 18:00	IN33C-0141	Limiting Data Friction by Reducing Data Download Using Spatiotemporally Aligned Data Organization Through STARE	Poster Hall D-F	Kwo-Sen Kuo

Thursday [[pdf](#)]

Time	Session	Title	Location	Presenter
08:00 - 12:20	MR41D-0444	Importing, Working With, and Sharing Microstructural Data in the StraboSpot Digital Data System, Including an Example Dataset from the Pilbara Craton, Western Australia	Poster Hall D-F	Nicolas Roberts
08:05 - 08:20	U41A-01	Where Will All Your Samples Go?	Room E2	Kerstin Lehnert
12:30 - 13:30	TH43F	Town Hall: Expanding the StraboSpot Digital Data System for Structural Geology and Tectonics to Petrology and Sedimentary Geology Field Data, and Natural and Experimental Microstructures	Room 228-230	Julie Newman

13:40 - 13:55	S43G-01	Data and Workflow Management Challenges in Global Adjoint Tomography	Room 222	Wenjie Lei
13:40 - 18:00	G43B-0946	Decadal GPS Time Series and Velocity Fields Spanning the North American Continent and Beyond: New Data Products, Cyberinfrastructure and Case Studies from the EarthScope Plate Boundary Observatory (PBO) and Other Regional Networks	Poster Hall D-F	David A Phillips
13:40 - 18:00	IN43A-0068	GeoTrust Hub: A Platform For Sharing And Reproducing Geoscience Applications	Poster Hall D-F	Tanu Malik
13:40 - 18:00	IN43A-0069	The importance of community building for establishing data management and curation practices for physical samples	Poster Hall D-F	Sarah Ramdeen
14:30 - 14:44	IN43F-04	The Computational Infrastructure for Geodynamics: An Example of Software Curation and Citation in the Geodynamics Community	Room 228-230	Lorraine Hwang
16:15 - 16:30	IN44B-02	EarthCube Cyberinfrastructure: The Importance of and Need for International Strategic Partnerships to Enhance Interconnectivity and Interoperability	Room 231-232	Mohan K Ramamurthy
16:30 - 16:45	IN44A-03	EarthCollab, building geoscience-centric implementations of the VIVO semantic software suite	Room 228-230	M. Benjamin Gross
17:00 - 17:15	IN44B-05	Enabling FAIR and Open Data - The Importance of Communities on Influencing Change	Room 231-232	Shelley Stall
17:30 - 17:45	IN44A-07	ODM2 Admin Pilot Project- a Data Management Application for Observations of the Critical Zone	Room 228-230	Miguel Leon

Friday [[pdf](#)]

Time	Session	Title	Location	Presenter
08:00 - 12:20	IN51A-0002	Development of the AuScope Australian Earth Observing System	Poster Hall D-F	Tim Rawling
08:00 - 12:20	T51A-0445	Effects of Pre-existing Structures on the Seismicity of the Charlevoix Seismic Zone	Poster Hall D-F	Oluwaseun Idowu Fadugba
08:00 - 12:20	T51F-0545	Implementing real-time GNSS monitoring to investigate continental rift initiation processes	Poster Hall D-F	Joshua Robert Jones
17:00 - 17:15	T54A-05	Stress concentration on Intraplate Seismicity: Numerical Modeling of Slab-released Fluids in the New Madrid Seismic Zone	Room 210	Arushi Saxena

[ALL Earth and Space Science Informatics sessions](#)

EarthCube Booth #1633 [[pdf](#)]

Monday 6:00pm – 8:00pm

Tuesday 9:30am – 5:00pm

Wednesday 9:00am – 5:00pm

Thursday 9:00am – 5:00pm

Friday 9:30am – 1:30pm

Governance Meetings

EarthCube committee meetings

Science Committee Breakfast Meeting @ AGU

Tuesday, December 12th at 7:00 AM

[The Ruby Slipper Cafe](#), 200 Magazine St, New Orleans, LA 70130, USA (Central business district location)

(About 15 minute walk from Convention Center) [RSVP Here](#)

Joint TAC/SC Meeting @ AGU

Tuesday, December 12th at 3:00 pm - 4:30 PM

RENAISSANCE NEW ORLEANS ARTS HOTEL | 700 Tchoupitoulas, New Orleans, LA 70130

Room: Blue Dog, 1st Floor

(About 15 minute walk from Convention Center) [RSVP Here](#)

Engagement Team Breakfast Meeting @ AGU

Wednesday, December 13th at 7:00 AM

[Two Chicks Cafe](#), 901 Convention Center Blvd suite 109 New Orleans , LA 70130

(Next door to Convention Center) [RSVP Here](#)

Liaison Team Breakfast Meeting @ AGU

Wednesday, December 13th at 7:00 AM

[Two Chicks Cafe](#), 901 Convention Center Blvd suite 109 New Orleans , LA 70130

(Next door to Convention Center) [RSVP Here](#)