

## 2016 AGU Fall Meeting Scientific Program

### Education

Topic	Number	Session	CoSponsors	CoOrganized	Date	StartTime	EndTime	Room	Property
Education	ED11A	Best Practices in Meaningful and Authentic Science Outreach to Formal and Informal Audiences Posters	PA		12/12/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED11B	Demonstrations, Hands-on Activities, and Simple Measurements for Education Posters			12/12/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED11C	Effective K-12 Collaborations for Broader Impact Efforts Posters			12/12/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED11D	Tools, Resources, and Lessons Learned for Scientists and Engineers Engaging in Education, Outreach, and Communication I Posters	P,PA,SH,SI		12/12/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED11E	Climate Literacy: Science and Solutions in Multidisciplinary Higher Education I			12/12/2016	8:00:00	10:00:00	307	Moscone South
Education	ED11F	Teaching about the Earth in the Context of Societal Issues I	GC,PA,SI		12/12/2016	8:00:00	10:00:00	309	Moscone South
Education	ED12A	Climate Literacy: Science and Solutions in Multidisciplinary Higher Education II			12/12/2016	10:20:00	12:20:00	307	Moscone South
Education	ED13A	Bringing Science Communication into Curricula Posters			12/12/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED13B	Climate Literacy: Science and Solutions in Multidisciplinary Higher Education III Posters			12/12/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED13C	Earth Surface Modeling for Education: Adaptation, Successes, and Challenges Posters	EP,GC,H,OS	EP,GC,H,OS	12/12/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED13D	Service Learning in the Geosciences Posters	PA		12/12/2016	13:40:00	18:00:00	Poster Hall	Moscone South

Education	ED13E	Teaching about the Earth in the Context of Societal Issues II Posters	GC,PA,SI		12/12/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED13F	Tools, Resources, and Lessons Learned for Scientists and Engineers Engaging in Education, Outreach, and Communication II	P,PA,SH,SI		12/12/2016	13:40:00	15:40:00	309	Moscone South
Education	ED21A	Activities and Assignments that Promote Student Learning in Undergraduate Earth and Environmental Science Classes Posters			12/13/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED21B	Amazing Technologies and Capabilities that Contribute to STEM I Posters	IN,PA		12/13/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED21C	Citizen Science with Big Data: Intersection of Outreach, Crowd-Sourced Data, and Scientific Research I Posters	GC,IN,P,PA		12/13/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED21D	Progress toward an Inclusive and Welcoming Geoscience Community: Addressing Harassment and Improving Workplace Climate Posters	PA,SI		12/13/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED21E	Educator/Student Programs Promoting Authentic Scientific Research I	GC,OS,P,S		12/13/2016	8:00:00	10:00:00	309	Moscone South
Education	ED22A	Educator/Student Programs Promoting Authentic Scientific Research II	GC,OS,P,S		12/13/2016	10:20:00	12:20:00	309	Moscone South
Education	ED23A	Education General Contributions I Posters			12/13/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED23B	Educator/Student Programs Promoting Authentic Scientific Research III Posters	GC,OS,P,S		12/13/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED23C	Environmental Field Experience as Laboratory and Experiential Learning Vehicle Posters	PA		12/13/2016	13:40:00	18:00:00	Poster Hall	Moscone South

Education	ED23D	Expanding the Geoscience Pipeline: Innovative Strategies to Support K-12 Education Posters	PA		12/13/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED23E	Amazing Technologies and Capabilities that Contribute to STEM II	IN,PA		12/13/2016	13:40:00	15:40:00	309	Moscone South
Education	ED23F	Climate Literacy: Informal Education and Citizen Science, New Successes, and Strategies Beyond the Classroom I			12/13/2016	13:40:00	15:40:00	307	Moscone South
Education	ED24A	Amazing Technologies and Capabilities that Contribute to STEM III	IN,PA		12/13/2016	16:00:00	18:00:00	309	Moscone South
Education	ED24B	Citizen Science with Big Data: Intersection of Outreach, Crowd-Sourced Data, and Scientific Research II	GC,IN,P,PA		12/13/2016	16:00:00	18:00:00	307	Moscone South
Education	ED31A	New Approaches to Professional and Career Development for Students and Postdocs in the Geosciences I Posters			12/14/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED31B	Undergraduate Earth, Atmospheric, Ocean, and Space Science Research and Outreach Posters			12/14/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED31C	Climate Literacy: Increasing the Collective Impact of Climate Literacy Efforts through Networks and Partnerships I	GC,PA		12/14/2016	8:00:00	10:00:00	307	Moscone South
Education	ED31D	Communication of Science: Practice, Research, and Reflection I	GC,NH,OS,SI	SI	12/14/2016	8:00:00	10:00:00	309	Moscone South
Education	ED31E	New Approaches to Professional and Career Development for Students and Postdocs in the Geosciences I Posters (Lightning)			12/14/2016	8:00:00	10:00:00	110	Moscone North

Education	ED32A	Climate Literacy: Delivering Climate Change Science Content, Process, and Context to K12 Educators, Students, Parents, and the Larger Community I			12/14/2016	10:20:00	12:20:00	307	Moscone South
Education	ED33A	Climate Literacy: Informal Education and Citizen Science, New Successes, and Strategies Beyond the Classroom II Posters			12/14/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED33B	Climate Literacy: Delivering Climate Change Science Content, Process, and Context to K12 Educators, Students, Parents, and the Larger Community II Posters			12/14/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED33C	Climate Literacy: Increasing the Collective Impact of Climate Literacy Efforts through Networks and Partnerships II Posters	GC,PA		12/14/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED33D	Climate Literacy: Moving Past Barriers to Climate Literacy Action, What We Know from Educational Research and Evaluation, and Where We Need to Grow Posters	A,GC,PA		12/14/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED33E	Communication of Science: Practice, Research, and Reflection III Posters	GC,NH,OS,SI	SI	12/14/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED33F	Using Drones for Education Posters			12/14/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED33G	Communication of Science: Practice, Research, and Reflection II	GC,NH,OS,SI	SI	12/14/2016	13:40:00	15:40:00	309	Moscone South
Education	ED34A	New Approaches to Professional and Career Development for Students and Postdocs in the Geosciences II			12/14/2016	16:00:00	18:00:00	309	Moscone South
Education	ED41A	Bright STaRS: Bright Students Training as Research Scientists Posters			12/15/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED41B	Climate Literacy: The Climate is Changing - Are We?: The Arts as an Ally in Invoking Change	GC,NH,OS		12/15/2016	8:00:00	10:00:00	307	Moscone South

Education	ED41C	Education through Exploration: Research and Practice through Digital Platforms I	EP,GC,P,SH		12/15/2016	8:00:00	10:00:00	309	Moscone South
Education	ED42A	NASA Science Mission Directorate Science Education: Activation for STEM Learning I			12/15/2016	10:20:00	12:20:00	309	Moscone South
Education	ED42B	Sympathy for the Data: Novel Approaches to the Art of Data Visualization I	PA	PA	12/15/2016	10:20:00	12:20:00	307	Moscone South
Education	ED43A	Education through Exploration: Research and Practice through Digital Platforms II Posters	EP,GC,P,SH		12/15/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED43B	NASA Science Mission Directorate Science Education: Activation for STEM Learning II Posters			12/15/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED43C	Sympathy for the Data: Novel Approaches to the Art of Data Visualization II Posters	PA	PA	12/15/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED43D	Teaching Geoscience with MATLAB II Posters			12/15/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED43E	Tools and Methods for Data Driven Education in the Water Sciences I Posters	H		12/15/2016	13:40:00	18:00:00	Poster Hall	Moscone South
Education	ED43F	Public Engagement with Science: Institutional Structures and Supports I			12/15/2016	13:40:00	15:40:00	309	Moscone South
Education	ED51A	Approaches that Facilitate Learning in Applied Geophysics Posters	NS,S	NS	12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED51B	Creating an Effective REU Structure for Students and Mentors Posters			12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED51C	Education General Contributions II Posters			12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South

Education	ED51D	K-5 Teachers, Informal Science Educators, Inservice and Preservice Program Providers, and Geoscience Education Researchers Share Effective Resources, Curriculum Materials, and Research-Based Strategies for Implementing NGSS in Earth System Science at the K-5 Level Posters			12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED51E	Pedagogical Approaches and Assessment Strategies for Implementing NGSS in Earth System Science Posters			12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED51F	NSF-Supported Undergraduate Learning Opportunities about the Earth, Oceans, and Atmospheric Sciences Posters			12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED51G	Public Engagement with Science: Institutional Structures and Supports II Posters			12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED51H	Technology-Enhanced Teaching in Geosciences Posters	EP,H		12/16/2016	8:00:00	12:20:00	Poster Hall	Moscone South
Education	ED51I	Creating an Effective REU Structure for Students and Mentors Posters (Lightning)			12/16/2016	8:00:00	9:00:00	110	Moscone North
Education	ED51J	Teaching Geoscience with MATLAB I			12/16/2016	8:00:00	10:00:00	309	Moscone South
Education	ED51K	Approaches that Facilitate Learning in Applied Geophysics Posters (Lightning)	NS,S	NS	12/16/2016	9:05:00	10:00:00	110	Moscone North
Education	ED52A	Tools and Methods for Data Driven Education in the Water Sciences II	H		12/16/2016	10:20:00	12:20:00	309	Moscone South