

FRIDAY, 15 DECEMBER 2017

- *All sessions in New Orleans Ernest N. Morial Convention Center*
- Co-organized sessions (coded other than “GC”) are a collaborative effort between Sections and Focus Groups to jointly submit and convene a trans-disciplinary session.

08:00 - 10:00

- **GC51F** Climate Extremes: Patterns, Mechanisms, and Attribution I
 - - 265-266
- **GC51G** Progress in Quantifying Impacts of Land Use and Land Cover Change in a Changing Climate Using Earth System Models I
 - - 267-268
- **GC51H** The Rocky Road to 1.5 Degrees: (Re)evaluating the Paris Targets I
 - - 260-262

08:00 - 12:20

- **GC51A** Climate Change and Fire Regimes in Mountain Ecosystems: Toward Actionable Predictions and Projections Posters
 - - Poster Hall D-F
- **GC51B** The Role of Fire in the Earth System: Understanding Drivers, Feedbacks, and Interactions with the Land, Atmosphere, and Society III Posters
 - - Poster Hall D-F
- **GC51C** Planning the Climate Observing System of the Future II Posters
 - - Poster Hall D-F
- **GC51D** Use of Earth Observations in Mitigating Major Environmental Challenges in South and Southeast Asia II Posters
 - - Poster Hall D-F
- **GC51E** Taking the Temperature of the Earth: Challenges, Trends, and Applications Across All Earth Surface Domains II Posters
 - - Poster Hall D-F
 - **H51C** Characterization, Modeling, and Remediation of Karst and Structurally Variable Flow Systems in a Changing Environment III Posters
 - - Poster Hall D-F
 - **IN51E** Data and Tools for Knowledge Discovery Around the Energy-Water Nexus I Posters
 - - Poster Hall D-F
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10:20 - 12:20

- **GC52A** Carbon Budgets for Ambitious Climate Goals and the Role of Large-Scale Carbon Negative Bioenergy/Carbon Removal in Meeting Them I
 - - 260-262
- **GC52B** Climate Extremes: Patterns, Mechanisms, and Attribution II
 - - 265-266

- **GC52C** Land Cover and Land Use Change Research for Science and Applied Conservation Management I
 - - 267-268
- **IN52A** Quality and Trustworthiness of Earth Science Data
 - - *eLightning Area*

13:40 - 15:40

- **GC53F** Afforestation and Reforestation: Drivers, Dynamics, and Impacts I
 - - 267-268
- **GC53G** Climate Extremes Under Global Warming: Characterizing Impacts and Managing Risk in a Changing World I
 - - 265-266
- **GC53H** Climate Intervention: Is Geoengineering in Earth's Future? I
 - - 260-262

13:40 - 18:00

- **GC53A** The Rocky Road to 1.5 Degrees: (Re)evaluating the Paris Targets II Posters
 - - *Poster Hall D-F*
- **GC53B** Carbon Budgets for Ambitious Climate Goals and the Role of Large-Scale Carbon Negative Bioenergy/Carbon Removal in Meeting Them II Posters
 - - *Poster Hall D-F*
- **GC53C** The Third Pole Environment (TPE) Under Global Changes III Posters
 - - *Poster Hall D-F*
- **GC53D** Permafrost Dynamics and Physical, Ecological, and Socioeconomic Linkages II Posters
 - - *Poster Hall D-F*
- **GC53E** Indicators of Processes and Feedbacks Contributing to Arctic Change and Their Linkages to Global Change III Posters
 - - *Poster Hall D-F*
- **H53D** Global Hydrological Extremes: From Intense Rainfall to Flash Flood III Posters
 - - *Poster Hall D-F*
- **IN53A** Where We Live and Work: Improving Data and Models for Human Settlements, Infrastructure, and Population Distribution I Posters
 - - *Poster Hall D-F*

16:00 - 18:00

- **GC54A** Agricultural Expansion and Forest Loss in Tropical Regions: Observations, Drivers, Impacts, and Solutions I
 - - 267-268
- **GC54B** Climate-Hydrology-Human Interactions and Their Implications on Hydrological Extremes in a Changing Environment I
 - - 265-266
- **GC54C** Taking the Temperature of the Earth: Challenges, Trends, and Applications Across All Earth Surface Domains I
 - - 260-262