

Primary Section / Focus Group	Session Number	Session Title	Co-Sponsored
Atmospheric Sciences	A002	Advances in an Integrated Observing System for Air Quality	AMS: American Meteorological Society
Atmospheric Sciences	A008	Air pollution in urban airsheds during winter	AMS: American Meteorological Society
Atmospheric Sciences	A021	Calibration and validation of passive satellite earth observation systems	AMS: American Meteorological Society
Atmospheric Sciences	A029	Complex-Terrain Meteorological Studies Relevant to Wind Energy Forecasting	AMS: American Meteorological Society
Atmospheric Sciences	A035	Data Assimilation, Reanalysis, and Observing System Simulation Experiments: Theory and Applications	AMS: American Meteorological Society
Atmospheric Sciences	A042	Extratropical and High-latitude Storms, Teleconnections, Extreme Weather, and the Changing Polar Climate	AMS: American Meteorological Society
Atmospheric Sciences	A050	Improving our Mechanistic Understanding of the Regional Climate Response to Anthropogenic Aerosols	AMS: American Meteorological Society
Atmospheric Sciences	A091	Retrieval of geophysical variables from satellite observations: Recent algorithm development and validation approaches	AMS: American Meteorological Society
Atmospheric Sciences	A100	The Dynamics of the Large Scale Atmospheric Circulation in Present and Future Climates: Jet Streams, Storm Tracks, Stationary Waves, and Monsoons	AMS: American Meteorological Society
Study of Earth's Deep Interior	DI003	A Perfect Match: Bringing Together Models of Fluid Mechanics and Thermodynamics to Understand Geochemical and Petrological Observations	EGU-GD: European Geosciences Union - Division on Geodynamics
Earth and Planetary Surface Processes	EP005	Carbonate Sediments Through Time: Processes of Deposition and Diagenesis	SEPM: Society for Sedimentary Geology
Earth and Planetary Surface Processes	EP014	Emerging Technologies and Advances in Identifying Catchment Sediment Sources	SEPM: Society for Sedimentary Geology

Earth and Planetary Surface Processes	EP048	The Interplay of Cohesive Sediment Dynamics and Hydrodynamics in the Coastal Riverine Zone to the Outer Reaches of the Continental Shelf	SEPM: Society for Sedimentary Geology
Hydrology	H051	Extreme climate events prediction over West Africa using a coupled model	JpGU: Japan GeoScience Union
Hydrology	H058	Global Precipitation Measurement, Validation, and Applications	JpGU: Japan GeoScience Union
Hydrology	H070	Hydrology, society and environmental change: Coupled human-water dynamics across scales	JpGU: Japan GeoScience Union
Mineral and Rock Physics	MR001	Advanced experimental and analytical techniques for mineral physics and chemistry	MSA: Mineralogical Society of America
Mineral and Rock Physics	MR026	SuperEarths and Giant impacts from shock physics	MSA: Mineralogical Society of America
Ocean Sciences	OS003	Current Perspectives on Biogeochemistry and Socioeconomics of Groundwater–Surface Water Interactions in the Gulf Coast Region	IAS: International Association of Sedimentologists
Planetary Sciences	P019	Investigating mineral-organic interactions relevant to astrobiological systems on Mars and other planetary bodies	JpGU: Japan GeoScience Union
Planetary Sciences	P023	Juno's Exploration of Jupiter and the Earth-based Collaborative Campaign	JpGU: Japan GeoScience Union
Paleoceanography and Paleoclimatology	PP031	Paleoceanography Insights Using the Carbonate System	IAS: International Association of Sedimentologists
Paleoceanography and Paleoclimatology	PP035	Phanerozoic Graveyards: New Advances in the Study of Old Extinction Events	IAS: International Association of Sedimentologists
Tectonophysics	T007	Continental Rifts and Passive Margins: Geology, Geophysics, Geodynamics	EGU-TS: European Geosciences Union – Tectonics and Structural Geology Division
Tectonophysics	T042	The evolution and architecture of rifts and rifted passive margins: from mantle dynamics to surface processes	EGU-TS: European Geosciences Union – Tectonics and Structural Geology Division

Volcanology, Geochemistry and Petrology	V001	Alkaline magmatism, carbonatites and associated mineralisation	EGU-GMPV: European Geosciences Union – Geochemistry, Mineralogy, Petrology, and Volcanology, MSA: Mineralogical Society of America
Volcanology, Geochemistry and Petrology	V031	The Mixing of Magmas: State of the Art and Future Perspectives	EGU-GMPV: European Geosciences Union – Geochemistry, Mineralogy, Petrology, and Volcanology
Volcanology, Geochemistry and Petrology	V032	Under pressure: understanding the storage, activation, and transport processes in magmatic systems	EGU-GMPV: European Geosciences Union – Geochemistry, Mineralogy, Petrology, and Volcanology