

Thursday 8

Identification, Tracking and Inventories + Regional Flavors

Session Chair: Alexandre Ramos

Notice: Time is relative to 1300 UTC



Moderators	Tin	Type	Abstract ID	Last Name	First Name	Institution	Abstract title
Alexandre Ramos & Maximiliano Viale	0:00	Intro Remarks		Ramos	Alexandre		
	0:05	Keynote		Jon Rutz &	Christine Shields		Atmospheric River Tracking Method Intercomparison Project
	0:20	Talk/01	IARCS/005	Reid	Kimberley	The University of Melbourne, Australia	The Sensitivity of Atmospheric River Identification using Integrated Water Vapour Transport to Resolution, Regridding method and Threshold
	0:26	Talk/02	IARCS/099	Tardy	Alex	National Weather Service, USA	What do we do with non-atmospheric rivers or hybrids that produce heavy rainfall and result in high impacts?
	0:32	Talk/03	IARCS/065	Sengupta	Agniv	Jet Propulsion Laboratory, USA	Atmospheric Rivers over South Asia: Climatology, Associated Precipitation, and Modulation by Climate Variability Modes
	0:38	Talk/04	IARCS/032	Liang	Ping	Shanghai Regional Climate Center, China	Atmospheric Rivers in Association with Boreal-summer Heavy Rainfall over Yangtze Plain of China
	0:44	Talk/05	IARCS/033	Böhm	Christoph	University of Cologne, Germany	The role of atmospheric rivers for the Atacama Desert
	0:50	Discussion					
	1:00	Break					
Jorge Eiras & Natalia Tilinina	1:03	Lightning/01	IARCS/044	Guan	Bin	University of California, Los Angeles, USA	Tracking Atmospheric Rivers Globally: Spatial Distributions and Temporal Evolution of Life Cycle Characteristics
	1:05	Lightning/02	IARCS/008	Shearer	Eric	Center for Hydrometeorology and Remote Sensing (CHRS)	An examination of global mid-latitude atmospheric river lifecycles using an object-oriented methodology
	1:07	Lightning/03	IARCS/052	Lora	Juan	Yale University, USA	On the consensus and disagreement in atmospheric river detection in ARTMIP global catalogues
	1:09	Lightning/04	IARCS/081	Kim	Sol	University of California, Berkeley, USA	Atmospheric River Representation in E3SM
	1:11	Lightning/05	IARCS/017	Zhou	Yang	Lawrence Berkeley National Lab, California, USA	Uncertainties in Atmospheric River Life Cycles by Detection Algorithms: Climatology and Variability
	1:13	Discussion					
	1:23	Break					
Christine Shields & Roberto Rondanelli	1:25	Keynote		Gorodetskaya	Irina	University of Aveiro, Portugal	Climate Change and Atmospheric Rivers in the Polar Regions
	1:40	Talk/06	IARCS/014	Bozkurt	Deniz	Universidad de Valparaíso, Chile	Influence of African Atmospheric Rivers on the Hydrometeorology of the Near East's Highlands in the Snowmelt Season
	1:46	Talk/07	IARCS/020	Massoud	Elias	Jet Propulsion Laboratory, USA	Atmospheric rivers and precipitation in the Middle East and North Africa (MENA)
	1:52	Talk/08	IARCS/066	Wille	Jonathan	Université Grenoble Alpes, France	Antarctic Atmospheric River Climatology and Impacts
	1:58	Talk/09	IARCS/057	Rauber	Robert M	DASO, University of Illinois at Urbana-Champaign, USA	Structure of an Atmospheric River over Australia and the Southern Ocean. Part I: Tropical and Mid-Latitude Water Vapor Fluxes
	2:04	Talk/10	IARCS/016	Thandlam	Venugopal	Department of Earth Sciences, Uppsala University, Sweden	On the Rivers in the Euro-Atlantic Sky
	2:10	Discussion					
Christine Albano & Jonathan Wille	2:23	Lightning/06	IARCS/019	Jacobs	Aaron	NWS, Weather Forecast Office Juneau Alaska, USA	Atmospheric river statistics for Southeast Alaska comparing point based CFSR IVT values to station precipitation data
	2:25	Lightning/07	IARCS/092	Wilson	Anna M	CW3E, Scripps Institution of Oceanography, UC San Diego, USA	Deployment of Additional Surface Pressure Measurements over the Northeast Pacific to Support Atmospheric River Forecasts on the US West Coast
	2:27	Lightning/08	IARCS/101	Viceto	Carolina	University of Aveiro, Portugal	Atmospheric rivers in the Arctic: case studies during a field campaign near Svalbard
	2:29	Lightning/09	IARCS/077	Campos	Diego	Dirección Meteorológica de Chile	The role of Atmospheric Rivers in the wintertime precipitation anomalies in central-south Chile during El Niño and La Niña events
	2:31	Lightning/10	IARCS/060	Nash	Deanna	University of California Santa Barbara, USA	Winter and Spring Atmospheric Rivers in High Mountain Asia: Climatology, Dynamics and Variability
	2:33	Lightning/11	IARCS/058	Finlon	Joseph	University of Illinois at Urbana-Champaign, USA	Structure of an Atmospheric River over Australia and the Southern Ocean. Part II: Microphysical Evolution
	2:35	Lightning/12	IARCS/079	Viale	Maximiliano	IANIGLA - CONICET-Mendoza Argentina	Atmospheric Rivers on the East coast of South America
	2:37	Lightning/13	IARCS/121	MacLennan	Michelle	Climate Change Research section, NCAR, USA.	Observations and Impact of Atmospheric River-Driven Extreme Precipitation over Thwaites Glacier, Antarctica
	2:39	Lightning/14	IARCS/103	Gorodetskaya	Irina	CESAM/University of Aveiro, Portugal	From Pacific Ocean to South America and to Antarctic Peninsula: a short story of several long atmospheric rivers with important impacts
	2:41	Discussion					
	2:55	Transition/Closing Remarks/Break					
	3:00	Break out room discussion					