

KNMI's RESEARCH & DEVELOPMENT DAY

17 September 2026

13:00	OPENING & PANEL DISCUSSION BUYS BALLOTZAAL			
	Parallel sessions			
	Buyts Ballotzaal (A0.029)	Combizalen (A0.032/034/036)	Crutzenzaal (A0.022)	Reproruimte (A0.080)
14:00	EURADCLIM: The European climatological gauge-adjusted radar precipitation product. <i>Aart Overeem</i>	Developing a new high-resolution weather prediction model using AI. <i>Serban Vădineanu</i>	Taking AI/ML en route to ALL-SKY. <i>Isabel Monteiro</i>	Tracking jet-stream winds with ground-based microbarometer arrays. <i>Jelle Assink</i>
14:15	IDEA: Improving Dynamical aspects of Extreme weather Attribution; A case study of the Western European flooding 2021 <i>Sjoukje Philip & Vikki Thompson</i>	Development of city-scale weather forecasts. <i>Natalie Theeuwes</i>	Development of a Deep Learning Framework for Geostationary Satellite Data to Provide High-Resolution Real-Time Severe Weather Warnings. <i>Abishek Maiti</i>	From satellites to streets: building air quality monitoring capacity in Africa through science and collaboration. <i>Bas Mijling</i>
14:30	Climate Variability and Extremes (VAREX). <i>Richard Bintanja</i>	LOTOS-EUROS in the Destination Earth On-Demand Extremes Digital Twin. <i>John Douros</i>	Zeerijp earthquakes, rupture directivity and effects on ground motion. <i>Elmer Ruigrok</i>	Storylines of recent flood events in a warming world. <i>Geert Lenderink</i>
14:45	BREAK (Centrale Hal)			
15:00	PLENARY DISCUSSION Interaction with members of the Research Council BUYS BALLOTZAAL			
15:45	BREAK (Centrale Hal), with posters and demo			
	Parallel sessions			
	Buyts Ballotzaal (A0.029)	Combizalen (A0.032/034/036)	Crutzenzaal (A0.022)	Reproruimte (A0.080)
16:15	A new eye in the sky: meet the next generation of satellites that could reshape short-term weather forecasting. <i>Erik Dedding</i>	NH3view: Towards a comprehensive view from space of ammonia emissions in the Netherlands. <i>Jieying Ding</i>	EC-EarthFlow: Probabilistic emulation of daily transient global climate model simulations with flow matching. <i>Kirien Whan</i>	Future Weather in 2026. <i>Hylke de Vries</i>
16:30	ESA Harmony & HARMONIE. How to define satellite cloud-dynamics products at the 1-km scale to best help improve model parameterisations. <i>Alexandre Payez</i>	MSO-NOWCASTSUN: satellite retrievals and nowcasting of surface solar irradiance. <i>Jan Fokke Meirink</i>	Advancing Data Assimilation Capacities with Deep Learning. <i>Alice Abramowicz</i>	Evaluation of one-year EarthCARE aerosol observations: Validation with AERONET and comparison with CAMS forecasts. <i>Xuemei Wang</i>
16:45	From FRA5 to FRA6 and FRA7 (EU CHERRI project). <i>Ad Stoffelen</i>	Climate dialogue 2026. <i>Michiel van Weele</i>	Algorithmic Tuning of Climate Models. <i>Jordan Seneca</i>	Ice sheet modelling at KNMI. <i>Erwin Lambert</i>
17:00 – 19:00	FOOD & DRINKS (Centrale Hal; Depressieplein)			