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inDust

International Network to Encourage the Use of Monitoring and Forecasting Dust Products

Organisers:

NATIONAL INSTITUTE
OF METEOROLOGY AND
HYDROLOGY



This event is organised thanks to the COST Action inDust CA16202, supported by COST (European Cooperation in Science and Technology). COST is a funding agency for research and innovation networks. Our Actions help connect research initiatives across Europe and enable scientists to grow their ideas by sharing them with their peers. This boosts their research, career and innovation.



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inDust

Training School on dust products

27 - 29 January 2020

National Institute of Meteorology and Hydrology, Sofia (Bulgaria)

Desert dust transport is a global phenomenon. For countries located in and downwind of arid regions, such as Europe, airborne dust presents serious risks to the environment, property and human health. inDust is encouraging the use of monitoring and forecasting dust products to mitigate its harmful effects.

The main objective of this training school is to build the capacity of participants to use products of dust observation and modelling products and give some insights on impact assessment of dust on air quality and health. The event is targeted to operational and research meteorologists as well as to early career scientists with interest in Earth system sciences.

REGISTRATION (deadline 7th January 2020)

To register to the event, please fill the e-form:

<https://indust.typeform.com/to/qVpq2P>

CONTACT PERSON: Emilia Georgieva (emilia.georgieva@meteo.bg)

**This event is FREE OF CHARGE for the accepted participants.*

***The Training School will accept up to 25 participants.*

**** inDust has allocated 5 grants for those participants that will need financial support. You can apply to these grants through the [registration form](#).*

Programme

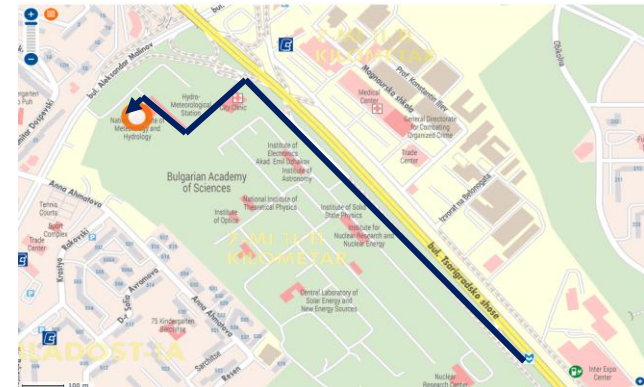
Day 1 Monday, 27 th January		
14:00	14:30	Registration – Opening – Welcome Coffee
Session 1 – Overview on Dust and its Impacts		
14:30	15:30	The Dust Cycle (Ernest Werner, AEMET)
15:30	16:00	Coffee Break
16:00	17:00	Dust Impacts on Air Quality (Alexandra Monteiro, U. Averio, remote)
Day 2 Tuesday, 28 th January		
Session 2 Dust Observations and Forecasts		
09:00	10:30	Dust satellite observations (José Prieto, EUMETSAT)
10:30	11:00	Coffee Break
11:00	12:30	In situ observations (Jorge Pey, CSIC-IPE)
12:30	13:00	Lidar observations in Bulgaria (Ivan Nedkov and Dimitar Stoyanov, IE-BAS)
13:00	14:00	Lunch break
14:00	15:00	Dust Prediction Models (Goran Pejanovic, RHMS of Serbia)
15:00	15:30	Coffee Break
15:30	17:00	SDS – WAS products (Ernest Werner, AEMET)
17:00	17:30	NIMH practice in forecasting dust events (Anastasiya Stoycheva, NIMH)
19:00	22:00	Networking dinner
Day 3 Wednesday, 29 th January		
Session 3a Dust Impacts		
09:00	10:00	Dust Impacts on Health (Aurelio Tobias, CSIC-IDAEA, remote)
10:00	11:00	Socio-economic impact assessment of dust (Athanasios Votsis, FMI)
11:00	11:30	Coffee break
Session 3b Dust related research in Bulgaria		
11:30	12:00	Studies on Saharan Dust intrusions at SRTI-BAS (M. Dimitrova, SRTI-BAS, tbc)
12:00	12:30	Satellite information downscaled to urban air quality in Bulgaria (E. Georgieva, NIMH)
12:30	13:00	Saharan dust transport at BEO Moussala in 2016 (Viktoria Klestanova, NIMH)
13:00	13:30	Discussions and wrapping up

Information

Dates: January 27-29, 2020

Venue: Training Centre , Hall “Academic L. Krastanov”
National Institute of Meteorology and Hydrology, Sofia
(Bulgaria)

Boulevard "Tsarigradsko shose" 66, <http://www.meteo.bg>



How to get to the venue

The Training Centre at NIMH is about 5 km away from the Sofia Airport, 7 km from the city center and 10 km from the Central Railway station. The blue Metro line 2 from airport terminal 2 is the easiest way to get to NIMH (<https://www.metrosofia.com>). From terminal 1 to terminal 2 there is a free shuttle bus every 15 min (<https://www.sofia-airport.bg>). A taxi ride from the airport costs about 10 leva (5 Euro). For additional information on getting around visit <http://www.sofia-guide.com/>.

To reach NIMH from the M2 station “IEC Tsarigradsko shose”

A 15 min walk leads from M2 station “IEC Tsarigradsko shose” to NIMH headquarters (path shown on the picture). The meeting venue is in the main (white color) building, at the 1-st floor.