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

Organisers:



This event is organised thanks to the COST Action inDustCA16202, 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

4-6 February 2019

Universidade de Aveiro, Aveiro (Portugal)

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 how they are used in different impacts studies. The event is targeted to operational and research meteorologists as well as early career scientists with interest on the Earth system sciences.

REGISTRATION

To register to the event, please send an e-mail* to **Alexandra Monteiro** (alexandra.monteiro@ua.pt)

*This event is FREE OF CHARGE for the accepted participants.
The Training School will accept up to 20 attendees.*

Programme

Day 1 , Monday, 4 th February		
14:00	14:30	Registration – Opening
14:30	15:30	The Dust Cycle (Ernest Werner, AEMET)
15:30	16:00	Coffee break
16:00	17:30	Dust ground observations (Casimiro Pio, U. Aveiro)
Day 2 , Tuesday, 5 th February		
09:00	10:30	Dust satellite observations (Jose Prieto, EUMETSAT)
10:30	11:00	Coffee break
11:00	12:30	Dust prediction models (Sara Basart, BSC)
12:30	14:00	Lunch break
14:00	15:30	SDS-WAS products (Ernest Werner, AEMET)
15:30	16:00	Coffee Break
16:00	17:30	Dust impacts on Solar Energy (Hesham El-Askary, Chapman University / U. Alexandria)
Day 3 , Wednesday, 6 th February		
09:00	09:30	Dust impacts - inDust (Sara Basart, BSC)
09:30	10:30	Dust impacts on Health (Aurelio Tobias, CSIC-IDAEA)
10:30	11:00	Dust impacts on Air Quality (Alexandra Monteiro, U. Aveiro)
11:00	11:30	Coffee break
11:30	12:30	Socio-economic impact studies (Thor-Bjorn Ottosen, U. Helsinki)
12:30	13:30	Dust impacts on Aviation (Barbara Scherllin-Pirscher, ZAMG)
13:30		Closing

Information

Dates: February 4-6th 2019

Venue: Department of Environment (Building 7), Department meeting room Universidade de Aveiro, Campus Universitário de Santiago, Aveiro (Portugal)



From Porto and Lisbon to Aveiro

From Porto, the railway station Porto-Campanhã has direct rail connections to Aveiro. The train journey to Aveiro takes about 40 minutes if you take the Alfa Pendular train and Intercidades or 1h15 if you take a regular train. There are many trains running regularly to Aveiro from Porto. From Lisbon, the best way to come to Aveiro is by train from Lisboa-Oriente railway station. The train journey to Aveiro takes about 2:30. There are many trains running regularly to Aveiro from Lisbon.

Check the Comboios de Portugal link for train timetables: <https://www.cp.pt/passageiros/pt>

To reach the University Campus

Aveiro railway station is located at about 20 minutes walking distance or 5 minutes taxi ride from the University Campus. To reach the Campus, you can also use the bus (green line) which departs at regular intervals from outside the railway station.