II ENCUENTRO DE COOPERACIÓN TRANSNACIONAL

MARGULLAR2

“Red de parques arqueológicos subacuáticos del espacio MAC”

VISITA DE CAMPO

MARGULLAR2

6,7 y 8 de julio de 2022 | SÃO VICENTE, CABO VERDE

DÍA 3 – 08.07

VISITAS DE CAMPO

8 de julio de 2022

MAÑANA:

08:30 H. Visitas de campo.

- Oceanário do Mindelo
- ISECMAR – Biocatalog
- Museu do Mar
- Museo Cesária Évora

DÍA 4 – 09.07

9 de julio de 2022

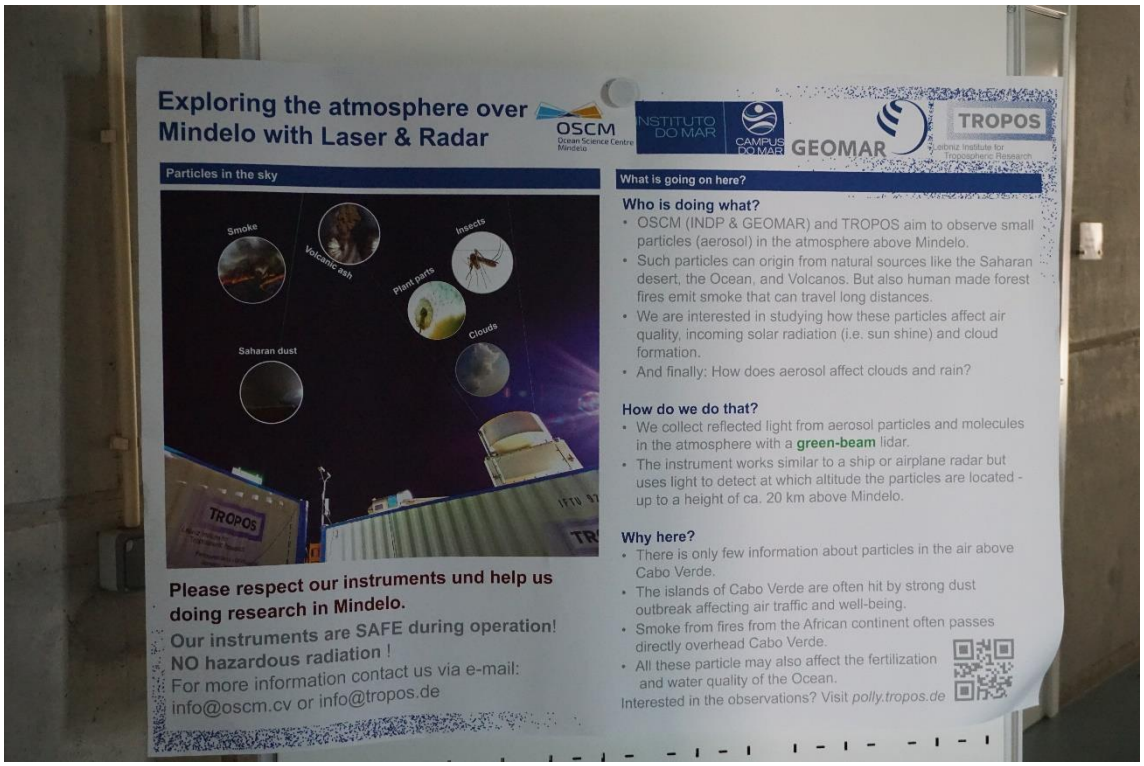
MAÑANA:

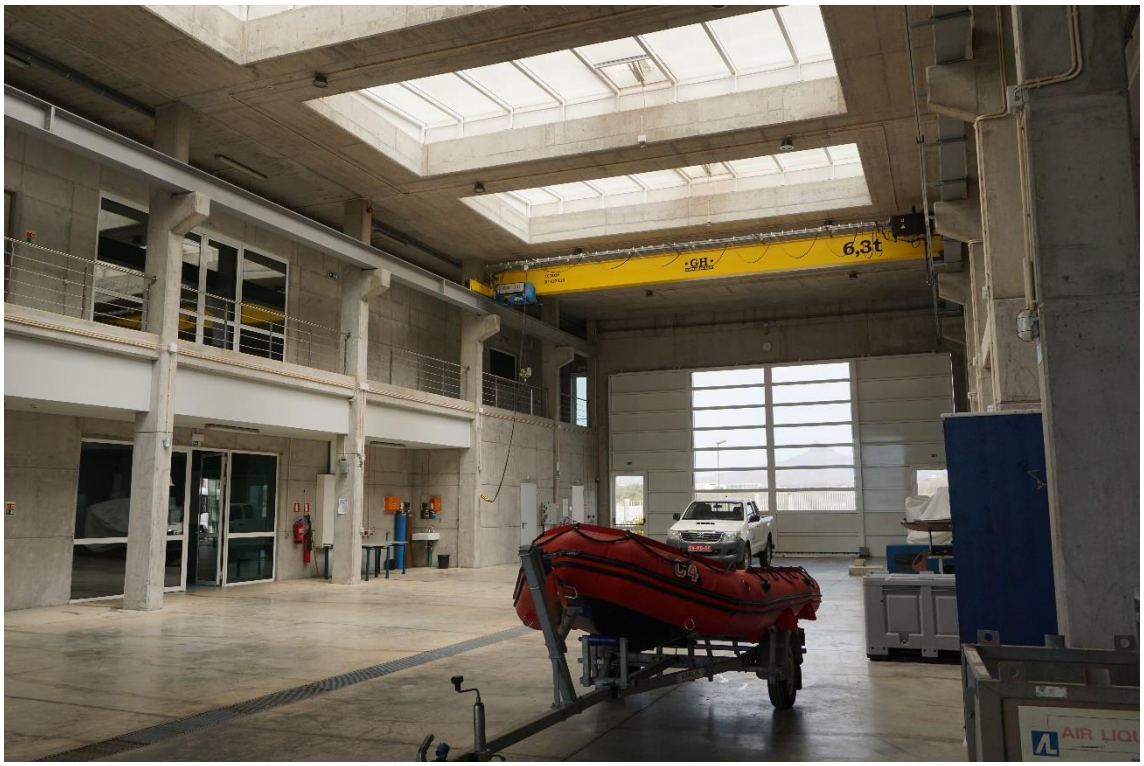
07:00 H. Visitas de campo – Visita a Santo Antao

- Encuentro con el Alcalde de Porto Novo.

1. Visita Oceanário do Mindelo.

OSCM
Ocean Science Centre
Mindelo


Exploring the atmosphere over Mindelo with Laser & Radar
OSCM
Ocean Science Centre Mindelo
INSTITUTO DO MAR
CAMPUS DO MAR
GEOMAR
TROPOS
Leibniz Institute for Tropospheric Research
Particles in the sky
Smoke
Volcanic ash
Insects
Plant parts
Clouds
Saharan dust
TROPOS
Please respect our instruments und help us doing research in Mindelo.
Our instruments are SAFE during operation!
NO hazardous radiation !
For more information contact us via e-mail:
info@oscm.cv or info@tropos.de
What is going on here?
Who is doing what?
• OSCM (INDP & GEOMAR) and TROPOS aim to observe small particles (aerosol) in the atmosphere above Mindelo.
• Such particles can origin from natural sources like the Saharan desert, the Ocean, and Volcanos. But also human made forest fires emit smoke that can travel long distances.
• We are interested in studying how these particles affect air quality, incoming solar radiation (i.e. sun shine) and cloud formation.
• And finally: How does aerosol affect clouds and rain?
How do we do that?
• We collect reflected light from aerosol particles and molecules in the atmosphere with a green-beam lidar.
• The instrument works similar to a ship or airplane radar but uses light to detect at which altitude the particles are located - up to a height of ca. 20 km above Mindelo.
Why here?
• There is only few information about particles in the air above Cabo Verde.
• The islands of Cabo Verde are often hit by strong dust outbreak affecting air traffic and well-being.
• Smoke from fires from the African continent often passes directly overhead Cabo Verde.
• All these particle may also affect the fertilization and water quality of the Ocean.
Interested in the observations? Visit polly.tropos.de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2. Visita ISECMAR – Biocatalog.

Laboratório de Biologia
COIA unid
BioCatalog
Catalogue da biodiversidade do arquipélago de Cabo Verde
Projecto financiado por
Fundo do Ambiente
Ministério da Agricultura e Ambiente

3. Visita Museo do Mar.

mogán
cálida paraíso

Museu do Mar

4. Visita Museo Cesária Évora.

LA NAISSANCE D'UNE STAR
THE BIRTH OF A STAR

Cesaria Evora Best of
Cesaria Evora
Petit Pays

1. **Visita a Santo Antao.**

PORTO NOVO