



Co-financed by Greece and the European Union

First scientific conference PANACEA

Manassaki Amphitheater University of Crete, Heraklion

23 - 24 September 2019



Monday 23.09.2019

8:30 Registration

- 9:00 Opening and Welcome from the local authorities and GSRT
- 9:15 Welcome from the University of Crete (rector [Panagiotis Tsakalidis](#))
- 9:30 PANACEA & Conference Objectives ([Nikos Mihalopoulos](#))
- 9:45 ACTRIS contribution to understanding large scale variability and trends in the European Atmosphere and challenges ahead ([Paolo Laj](#))
- 10:15 ICOS ([Werner Kutsch](#)) (teleconference)

10:45 - Coffee Break

- 11:15 EUMETSAT ([Bojan Bojkov](#))
- 11:45 Loss of life expectancy from air pollution compared to other risk factors ([Jos Lelieveld](#))
- 12:15 Overview of the PANACEA Measurement Campaign Summer 2019 ([Nikos Mihalopoulos](#))
- 12:40 Field measurements and ambient atmosphere perturbation experiments in Patra ([Spyros Pandis](#))

13:00 – Light Lunch Break

- 14:30 Oxidative potential: Importance, results and challenges ([Athanasios Nenes](#))
- 15:00 First results for aerosol characterization and source apportionment in Athens suburban and Volos traffic/harbour urban areas based on the NCSR Demokritos measurements during the PANACEA summer campaign ([Vasiliki Vasilatou](#))
- 15:15 Highlights of the vertical distribution of the Aerosol Optical and Geometrical properties retrieved over the city of Volos, Greece, during the 1st PANACEA campaign (July 2019) ([Maria Mylonaki](#))
- 15:30 Lee-Wave Cloud observed by simultaneous Lidar profiling and satellite observations during the 1st PANACEA Greek Campaign (July 2019) ([Romanos Foskinis](#))
- 16:00 Characteristics of fine particle number size distribution at Akrotiri station ([Sofia Eirini Chatoutsidou](#))
- 16:15 Aerosol characterization by automated typing methods over the Thessaloniki lidar station during the PANACEA campaign ([Kalliopi Artemis Voudouri](#))
- 16:30 15 years of measurements of total ozone with a Brewer spectrophotometer in Athens, Greece ([Kostas Eleftheratos](#))

16:45 - Poster Session & Coffee

18:30 End of Session

20:00 - Dinner



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Tuesday 24.09.2019

09:15 Comments by the Managing Authority (EPAnEK) and GSRT

09:45 **General Comments by the Advisory Board**

10:30 *Coffee Break*

11:00 Remote Sensing synergies at the island of Antikythera for multi-mission CalVal ([Vasilis Amiridis](#))

11:20 Multi-Instrument Validation of TROPOMI/S5P atmospheric products over Thessaloniki, Greece ([Mariliza Koukoulis](#))

11:35 Aerosol classification in Europe, Middle East, North Africa and Arabian Peninsula based on AERONET Version 3 ([Stavros-Andreas Logothetis](#))

11:50 Hellenic Integrated Marine-Inland waters Observing Forecasting and offshore Technology System (HIMIOFoTS) ([Giorgos Petihakis](#))

12:05 Measurement and monitoring of carbon dioxide parameters in the sea water by HCMR ([Aikaterini Souvermezoglou](#))

12:20 Impact of dust deposition events on marine primary productivity and carbon export and sequestration in the deep basins of the Eastern Mediterranean Sea ([Alexandra Gogou](#))

12:35 *Light Lunch Break*

14:00 Contribution of new particle formation to cloud condensation nuclei and cloud droplet number in the eastern Mediterranean ([Nikos Kalivitis](#))

14:15 Cloud formation in a marine environment. A simulation approach ([Paraskevi Georgakaki-Maria Tombrou](#))

14:30 Implementation and evaluation of a wave-dependent sea spray parameterization scheme in modeling system CHAOS ([Petros Katsafados](#))

14:45 Air quality modelling over the Eastern Mediterranean: Seasonal sensitivity to anthropogenic emissions ([George Georgiou](#))

15:00 The effect of deposition mechanisms on the Lagrangian particle dispersion model Flexpart. A case study for Black Carbon and air tracers at the Zeppelin observatory station ([Vasileios Stathopoulos](#))

15:30 **General Assembly /Next steps / Futures perspectives – publications / Deliverables**

16:00 *Poster Session & Coffee Break*

16:30 Meeting of Steering Committee (discussion of the comments of the Advisory Board & discussion on administrative issues)

18:30 *End of Conference*