



Workshop on Observations in Atmospheric and Water sciences Alqueva, 22 – 25 July 2014

Informations and inscriptions: <http://www.alex2014.cge.uevora.pt/>

AGENDA (Draft)	<i>ALEX2014 Workshop on Observations in Atmospheric and Water Sciences</i>
22 July	
10:00 - 10:30	Rui Salgado and Miguel Potes Welcome Session: Introduction to ALEX 2014 Experiment and Workshop. Organization of work groups
10:30 - 13:00	Participation in the Field campaign activities - 3 different groups 1. Meteorological measurements: balloons, eddy correlation system, automatic weather stations and radiation measurements. Team; Rui Salgado, Miguel Potes, Victor Prior, Paulo Canhoto, Giles Harison, Patrick Le Moigne and Annika Nordbo 2. Limnological Measurements: biological and related parameters. Team: Manuela Morais, Helena Novais, António Serafim, Amely Zavattieri, Miguel Potes, Carlos Miranda 3. Atmospheric composition, electricity and air quality: air quality stations, sensors for atmospheric electricity, gamma and alpha radiation GNSS network, ground based remote sensing of the atmosphere. Team: Maria João Costa, Daniele Bortoli, Hugo Silva, Susana Barbosa, Francisco Lopes, Sérgio Pereira, Andre Sá and João Apolinário
13:00 - 15:00	Lunch and Siesta
15:00 - 15:45	Pedro Miranda <i>From the regional climate impact of the Alqueva reservoir to global change</i>
16:00 - 17:45	Giles Harrison and Keri Nicoll <i>Instrumentation for fair weather atmospheric electricity</i>
18:00 - 18:45	Susana Barbosa <i>Geophysical radon monitoring</i>
19:00 - 21:00	Dinner time

AGENDA (Draft)	ALEX2014 Workshop on Observations in Atmospheric and Water Sciences
21:00	Debate with the population of Alqueva and Amieira villages about the climate effects of the Alqueva reservoir (in Portuguese) / <i>Debate com a população da Freguesia de Amieira e Alqueva sobre os efeitos da albufeira no clima</i> com Rui Salgado (CGE / U. Évora), Pedro Miranda (IDL / U. Lisboa), Ana Ilhéu (EDIA), Carlos Miranda Rodrigues (ICAAM / UE), Carlos Policarpo (BASE Aérea nº 11 de Beja) e Mauro Henriques (Presidente da União de Freguesias de Amieira e Alqueva)
23 July	
00:00 - 8:00	Launch of meteorological balloons: ONLY for volunteers
Morning	<i>Field campaign activities</i> (exact schedule depends on the group activities)
12:30 - 15:00	Lunch and siesta
15:00 - 16:30	Manuela Morais and Helena Novais <i>Measuring vertical profiles in reservoirs: physical and chemical variables</i>
16:45 - 17:45	Cláudia Brandão <i>Hydro-meteorological in extreme situations</i>
18:00 - 19:30	Manuela Morais and Amely Zavattieri <i>Remediation strategies in South Portugal reservoirs</i>
24 July	
00:00 - 8:00	Launch of meteorological balloons: ONLY for volunteers
Morning	<i>Field campaign activities</i> (exact schedule depends on the group activities)
13:00 - 15:00	Lunch and Siesta
15:00 - 16:00	David Faiman <i>Challenges to employing photovoltaics on a very large scale</i>
16:30 - 18:00	Patrick Le Moigne <i>Surface - Atmosphere interactions: measurements and modelling</i>
20:00	Workshop Dinner and social event
25 July	
00:00 - 8:00	Launch of meteorological balloons: ONLY for volunteers
10:00 - 11:30	Ana Ilhéu and Martinho Murteira Visit to the EDIA interpretation Center; Talk: <i>Environmental Management of the Alqueva-Pedrogão System</i>

AGENDA (Draft)	ALEX2014 Workshop on Observations in Atmospheric and Water Sciences
11:30 - 13:00	André Silva Visit to the Alqueva Hydro Power Plant; Talk: <i>Electro-Mechanical Components of the Alqueva Hydro Power Plant</i>
13:00 - 15:00	Lunch and siesta
15:00 - 16:00	Maria João Costa, Daniele Bortoli and Sérgio Pereira <i>Characterization of the atmosphere using remote sensing techniques</i>
16:00 - 17:00	André Sá <i>The role of GNSS data for meteorological purposes</i>
17:00	Bye Session

Organization:

ALEX project,

Lisbon Doctoral School on Earth System Science

Geophysics Centre of Évora (University of Évora)

Doctoral Program on Earth and Space Sciences (University of Évora)

Organizing Committee:

Rui Salgado, Pedro Miranda, Pedro Soares, Manuela Morais, Maria João Costa and Miguel Potes

Sponsors:

