

Prof. Alkiviadis F. Bais - Other activities

Participation in field campaigns

1. COST ACTION ES1207 European Brewer Network (EUBREWNET) campaign/ XII Regional Brewer Calibration Center for Europe (RBCC-E) intercomparison, El Arenosillo, Spain, 29 of May - 7 June, 2017.
2. ATMOZ Total Ozone Intercomparison campaign, Izana, Tenerife, 12-30 September 2016.
3. Cabauw Intercomparison of Nitrogen Dioxide Measuring Instruments (CINDI-2), KNMI Cabauw / CESAR, The Netherlands, September 2016.
4. X Intercomparison Campaign of the Regional Brewer Calibration Center-Europe / COST ACTION ES1207 EUBREWNET, El Arenosillo, Spain, 27 May 27 – 5 June, 2015.
5. maxDOAS measurements with Phaethon in Guangzhou within the EU Marcopolo project, China, April 2014 – March 2015.
6. Validation of trace gas columns with DOAS measurements, Jungfrauoch, Switzerland, 9-17/10/2010.
7. Albedo effects of UV irradiance (ARCFAC), Svalbard, Norway, 26/4 -14/5/2009
8. Campaign of the SCOUT-O3 project, Thessaloniki, 13-25 July, 2006.
9. Campaign of the QASUME project, Ispra, Italy, 6-17 May 2002.
10. Campaign of the PAUR II project, Crete, Greece, 3-21 May 1999.
11. International intercomparison of erythemal radiometers, 13-29 September 1998, Thessaloniki, Greece.
12. International intercomparison of photolysis frequency measurements and modelling (IPMMI), Boulder Co., U.S.A., 15-19 June 1998.
13. Fourth European Intercomparison of Ultraviolet Spectroradiometers, 1-13 July 1997, Nea Michaniona, Greece.
14. BIODOS campaign, Budapest, Hungary, 18-22 August 1996.
15. The Nordic Intercomparison of Ultraviolet and Total Ozone Instruments, 8 October - 22 November 1996, Izana, Tenerife.
16. Campaign of the PAUR project, Ag. Efstratios, Greece, 6-20 June 1996.
17. Campaign for the calibration of total ozone and solar UV spectral measurements by the Langley method, 12-22 July 1995, Izana, Tenerife.
18. Fourth European Intercomparison of Ultraviolet Spectroradiometers, 22 May- 2 July 1995, Ispra, Italy.
19. Laboratory Campaign for the Characterization of Ultraviolet Spectroradiometers, 19-29 September 1994, Brussels, Belgium.
20. UV Campaign for the determination of the altitude effect, 6-16 April 1994, Garmisch-Partenkirchen, Germany.
21. The Nordic Intercomparison of Ultraviolet and Total Ozone Instruments, 24 October - 5 November 1993, Izana, Tenerife.
22. Third European Intercomparison of Ultraviolet Spectroradiometers, 19-31 July 1993, Garmisch-Partenkirchen, Germany.
23. Intercomparison Exercise of UV Spectroradiometers, 21-30 June 1993, Tromsø, Norway.

24. Second European Intercomparison of Ultraviolet Spectroradiometers, 21-31 August 1992, Panorama, Greece.
25. First European Intercomparison of Ultraviolet Spectroradiometers, 3-12 July 1991, Panorama, Greece.
26. Dobson/Brewer Total Ozone Intercomparison, July 1986, Arosa, Switzerland.

Invited lectures

1. "UVB Forecasting", Symposium for the Meteorological Day, National Meteorological Institute, Lisbon, Portugal, 23 March 1999.
2. "Present status of solar ultraviolet measurements", 2nd SPARC General Assembly, Mar del Plata, Argentina, 6-10 November 2000.
3. "Uncertainties in broadband detectors, arising from their spectral responses", 9th Congress of the European Society of Photobiology, Lillehammer, Norway, 3-8 September 2001.
4. "Quality Assurance of Spectral Ultraviolet Measurements in Europe Through the Development of a Transportable Unit", Sixth European Symposium on Stratospheric Ozone, Göteborg, Sweden, 2002.
5. "Solar Ultraviolet radiation in the Earth's atmosphere", 6th National Environment Conference, Thessaloniki, 9-12 December 2004.
6. "Current situation on Ozone layer and solar UV Radiation", Symposium for the Environment Day, Instituto Nacional de Meteorologia, Tenerife, Spain, 5 June 2005.
7. "Case studies (factors affecting UV radiation)", Conference "One Century of UV Radiation Research", Conservatorium Davos, Switzerland, 18-20 September 2007.
8. "Variations of solar UV radiation: past, present and future", 12th National Conference of Greek Physicists, Kavala, 20-23 March 2008.
9. "The ozone layer in the 21st century: Signs of recovery and interactions with climate change", 13th National Conference of Greek Physicists, Patras, 17-21 March 2010.
10. "Variations of UV radiation in the 21st century due to ozone and climate changes", 14th Congress of the European Society for Photobiology - Symposium on Plant photobiology and climate change, Geneva, Switzerland, 1-6 September 2011.
11. "Surface UV Radiation in the 21st Century: Environmental effects of changes in ozone and climate", 10th Meeting of the Ozone Research Managers of the Parties to the Vienna Convention for the Protection of the Ozone Layer, Geneva, Switzerland, 28-30 March 2017.
12. "The Global Atmosphere Watch Ozone Observing System", 10th Meeting of the Ozone Research Managers of the Parties to the Vienna Convention for the Protection of the Ozone Layer, Geneva, Switzerland, 28-30 March 2017.

International Summer Schools

1. NATO Advanced Study Institute, "Solar Ultraviolet Radiation Modelling, Measurements and Effects", 2-10 October 1995, Halkidiki, Greece.
2. EC Advanced Study Course, Interactions between chemical compounds, the ozone layer and UV-B fluxes (ICLU), 4-10 October 1998, Halkidiki, Greece.
3. EC Advanced Study Course, "Biological UV Dosimetry, a tool for Assessing the Impacts of UV Radiation on Health and Ecosystems", 25-31 January 1998, Bad Honnef, Germany.
4. EC Advanced Study Course, "Atmospheric effects of aircraft emissions in the upper troposphere and lower stratosphere" (ASTAIRE), 22 - 31 August 1999, Bergen, Norway.
5. NATO Advanced Study Institute, "Chemistry and Radiation Changes in the Ozone Layer", 15 - 24 May, 1999, Crete, Greece.

Organization of Conferences

1. NATO Advanced Study Institute "Solar Ultraviolet Radiation Modelling, Measurements and Effects", 2-10 October 1995, Halkidiki, Greece, Co-organizer.
2. European Commission Advanced Study Course, Biological UV dosimetry, a tool for assessing the impacts of UV radiation on health and ecosystems, Bad Honnef, Germany, 26-30 January 1998. Member of the Organizing Committee.
3. European Conference on Atmospheric UV Radiation, Helsinki, 29 June - 2 July 1998, Member of the Organizing Committee.
4. XXIV General Assembly of the European Geophysical Society, The Hague, Netherlands, 19-23 April 1999, Session Convener.
5. 3rd International Asia-Pacific Environmental Remote Sensing Symposium, Conference "Ultraviolet Ground- and Space-based Measurements, Models, and Effects II", organized by the International Society for Optical Engineering, 23-27 October 2002, Hangzhou, China, Member of the Programme Committee.
6. European Geophysical Society - American Geophysical Union - European Union of Geosciences, Joint Assembly, Nice, France, 6-11 April 2003, Session: "Solar UV", Session Convener.
7. Ultraviolet Ground- and Space-based Measurements, Models, and Effects III, organized by the International Society for Optical Engineering, 4-6 August 2003, San Diego, California, Member of the Programme Committee.
8. Ultraviolet Ground- and Space-based Measurements, Models, and Effects IV, organized by the International Society for Optical Engineering, 5-6 August 2004, Denver, Colorado, Member of the Programme Committee.
9. XX Quadrennial Ozone Symposium 2004, Kos, Greece, 1 - 8 June, 2004, Member of the Local Organizing Committee.
10. 6th Hellenic Environmental Conference, Union of Greek Physicists, 9-12 December 2004, Thessaloniki, Member of the Scientific Committee.
11. 20th Anniversary of the Montreal Protocol, Colloquium "Ozone Depletion: from its discovery to Envisat and Aura", Athens, Greece, 24 - 26 September, 2007, Member of the Organizing Committee.
12. 1st International Conference on Space Technology, August 24-26, 2009, Electra Palace Hotel, Thessaloniki, Greece, Member of the Technical Committee.
13. XIX Congress of the Carpathian Balkan Geological Association (CBGA 2010), 23 - 26 September 2010, Thessaloniki, Greece, Session Convener.
14. 10th International Conference on Meteorology, Climatology and Atmospheric Physics, 25 -28 May 2010, Patras, Greece, Scientific Committee member.
15. 11th International Conference on Meteorology, Climatology and Atmospheric Physics, 29 May - 1 June 2012, Athens, Greece, Scientific Committee member.
16. XXII Quadrennial Ozone Symposium 2012, Toronto, Canada, 27-31 August 2012, Member of the Scientific Committee.
17. 12th International Conference on Meteorology, Climatology and Atmospheric Physics, 28 May - 31 May 2014, Heraklion, Greece, Member of the Scientific Committee.
18. Quadrennial Ozone Symposium 2016, Edinburgh, UK, 4-9 September 2016, Member of the Scientific Programme Committee, Session Convener.
19. 13th International Conference on Meteorology, Climatology and Atmospheric Physics, 19 - 21 September 2016, Thessaloniki, Greece, Chairman of the Scientific Committee.