

Exploring Circulation and Productivity Patterns in the Azores Region

Open Workshop, 26-27 June, 2008

Programme



26 June – Morning

9:30-9:50 Welcome: Ana Paula Marques - Regional Secretariat for the Environment and the Sea (Portugal)

9:50-10:00 Opening: Ana Martins (Portugal)

10:00-10:30 Seasonal and intra-annual variability of water dynamics on large and meso-scales in the Azores region: Igor Bashmachnikov and Adriano Cordeiro (Portugal)

10:30-11:00 Application of remote sensing techniques to study Azores Sea-Surface Temperature and Ocean Colour (phytoplankton biomass): Ana Martins and Ana Mendonça (Portugal)

11:00-11:30 Up-to-date microbial plankton contribution for primary productivity studies in the North Atlantic waters: Paula Aguiar (Portugal)

11:30-12:00 Coffee Break

12:00-12:30 Investigation of microbial plankton in the Azores current using molecular techniques: Silvia Lino (Portugal)

12:30-13:00 Statistical analysis of the primary production in the Azores region: Aleksey V. Koldunov and Victor R. Foux (Russia)

13:00-13:30 Space-time variability of distribution of primary production in the Azores region and biotic frontal zones: Victor R. Foux and Alexandra G. Cherkasheva (Russia)



27 June – Morning

9:30-10:00 Phytoplankton productivity in the Azores region, estimated from satellite and in-situ data: Ana Mendonça (Portugal)

10:00-10:30 Do subtropical seamounts influence phytoplankton community composition and distribution?: Manfred Kaufmann (UMA-CEM, Portugal)

10:30-11:00 Wavelet-analysis of spatial-temporal variability of primary production: Tatiana V. Belonenko and Alexandra G. Cherkasheva (Russia)

11:00-11:30 The distribution of marine top predators, associated with ocean features: case study for the Azores region: Patrícia Amorim (Portugal)

11:30-12:00 Coffee Break

12:00-12:30 Fish and environment: Mário Pinho (Portugal)

12:30-13:15 Students *Flash presentations* (15min).

Sea surface temperature variability in the NE Atlantic: João Guimarães (Portugal)

Marine microbial diversity in surface southern waters of Pico Island, Azores: Clara Loureiro (Portugal)

Bacterial plankton community in the water column: a case study in the North Atlantic: Cátia Pereira (Portugal)



The sessions are free and public open.

Local: **Fábrica da Baleia – Porto Pim in Horta, Faial Island
Azores - Portugal**

List of Presentation Authors (alphabetical order):

Aleksey Koldunov, PhD student (Department of Oceanography at St. Petersburg State University- Russia)

Alexandra Cherkasheva, undergraduate student (Department of Oceanography at St. Petersburg State University- Russia)

Ana Martins, Prof., Head of Oceanography Research Group (Department of Oceanography and Fisheries at University of the Azores - Portugal)

Ana Mendonça, PhD student (Department of Oceanography and Fisheries at University of the Azores - Portugal)

Cátia Pereira, undergraduate student (Department of Oceanography and Fisheries at University of the Azores - Portugal)

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Silvia Lino, Master student (Department of Oceanography and Fisheries at University of the Azores - Portugal)

Patrícia Amorim, Researcher (Department of Oceanography and Fisheries at University of the Azores - Portugal)

Mário Pinho, Senior Researcher (Department of Oceanography and Fisheries at University of the Azores - Portugal)

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Organization:

Oceanography Research Group (DOP)

Coordinator:

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Support:

Direcção Regional para a Ciência e Tecnologia (DRCT)

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Observatório do Mar dos Açores (OMA)



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