

## **SHORT CURRICULUM VITAE**

### **Nikolaos Skliris**

Nikolaos Skliris completed his undergraduate studies in Physics in the University of Athens, Greece (1992) and his European DEA (MSc like diploma) in "Modelling of the Marine Environment" (1994) and his PhD in the Department of Oceanography in the University of Liege, Belgium (2001). During his PhD his research focused on the investigation of ocean circulation and the distribution of ecological parameters in coastal regions with the use of numerical models.

After his PhD he worked during 3 years as a postdoctoral researcher at the Ocean Physics and Modelling Group (OPAM) of the University of Athens. During the period 2006-2008 he worked as a post-doctoral research fellow at the University of Liege after he obtained the EU funded "Marie Curie Intra-European Fellowship". During the last two years he is working again as a research scientist in the Ocean Physics and Modelling group of the University of Athens. Parallel to that, since February 2009, he has been working as an Associate Senior Lecturer at the Department of Marine Sciences at the University of the Aegean in Greece (part-time employment, second semester).

His main research fields and published work concern interdisciplinary studies of the marine environment including the analysis/numerical modelling of ocean circulation and its impact on plankton ecosystems, atmosphere-ocean interactions, deep water formation processes, and climatic/anthropogenic induced long-term changes in the thermohaline ocean circulation.

He has been involved in 8 past and on-going EU-funded projects and in 4 national research programs. He is author/co-author of 13 research papers in international peer-reviewed journals and has 35 contributions in conference proceedings.

### **PUBLICATIONS IN INTERNATIONAL PEER REVIEW JOURNALS**

- 1) Tzali, M., Sofianos, S., Mantziafou, A., **Skliris, N.**, 2010. Modelling the impact of Black Sea water inflow on the North Aegean Sea hydrodynamics. *Ocean Dynamics*, 60: 585-596. DOI 10.1007/s10236-010-0277-3
- 2) **Skliris, N.**, Mantziafou, A., Sofianos, S., Ganasos, T., 2010. Satellite-derived variability of the Aegean Sea ecohydrodynamics. *Continental Shelf Research*, 30: 403-418.
- 3) **Skliris, N.**, Beckers, J.M., 2009. Modelling the Gibraltar Strait/Western Alboran Sea ecohydrodynamics. *Ocean Dynamics*, 59: 489-508.
- 4) Zodiatis, G., Lardner, R., Hayes, D.R., Georgiou, G., Sofianos, S., **Skliris, N.**, Lascaratos, A., 2008. Operational ocean forecasting in the Eastern Mediterranean: implementation and evaluation. *Ocean Science*, 4:31-47.
- 5) **Skliris, N.**, Sofianos, S., Lascaratos, S., 2007. Hydrological changes in the Mediterranean Sea in relation to changes in the freshwater budget: a numerical modelling study. *Journal of Marine Systems*, 65:400-416.

- 6) Sofianos, S.S., **Skiriris, N.**, Mantziafou A., Lascaratos, A., Zodiatis, G., Lardner, Hayes, D., Georgiou, G., 2006. Nesting operational forecasting models in the Eastern Mediterranean: active and slave mode. *Ocean Science Discussions*, 3:1225-1254.
- 7) **Skiriris, N.**, Djenidi, S., 2006. Plankton dynamics controlled by hydrodynamic processes near a submarine canyon off NW Corsican coast: a numerical modelling study. *Continental Shelf Research*, 26: 1336-1358.
- 8) **Skiriris, N.**, Lascaratos, S., 2004. Impact of the Nile River damming on the thermohaline circulation and water mass characteristics of the Mediterranean Sea. *Journal of Marine Systems*, 52: 121-143.
- 9) **Skiriris, N.**, Lacroix, G., Djenidi, S., 2004. Flow modifications in a submarine canyon, during extreme meteorological conditions. *Continental Shelf Research*, 24:1033-1045.
- 10) Elkalay, K, Frangoulis, C., **Skiriris, N.**, Goffart, A., Gobert, S., Lepoint, G., Hecq, J.H., 2003. A model of the seasonal dynamics of biomass and production of the seagrass *Posidonia oceanica* in the Bay of Calvi (Northwestern Mediterranean). *Ecological Modelling*, 167(1-2): 1-18.
- 11) **Skiriris, N.**, Hecq, J.H., and S. Djenidi, 2002. Water fluxes at an ocean margin in the presence of a submarine canyon. *Journal of Marine Systems*, 39:239-251.
- 12) **Skiriris, N.**, Goffart, A., Hecq, J.H., Djenidi, S., 2001. Shelf-slope exchanges associated with a steep submarine canyon off Calvi (Corsica, NW Mediterranean Sea): a modeling approach. *Journal of Geophysical Research*, 106: 19.883-19.901.
- 13) **Skiriris, N.**, Elkalay. K., Goffart A, Frangoulis C, and J.H. Hecq, 2001. One dimensional modelling of the plankton ecosystem of the north-western Corsican coastal area in relation to meteorological constraints. *Journal of Marine Systems*, 27: 337-362.