

Online Franco-African Seminar in Digital Sciences - LIRIMA
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Numerical forecast systems for environmental applications

Abstract

Unlike most other scientific fields, it is generally not possible to carry out experiments on environmental systems (atmosphere, ocean, climate, etc.). Numerical simulation is therefore often the main tool for studying and anticipating changes in these systems. We will describe how these numerical models are built, and some associated mathematical and computer issues.

Biography

Eric Blayo is a professor in applied mathematics at the Université Grenoble Alpes, and a member of the AIRSEA team at Inria. His research focuses on mathematical and numerical methods for numerical forecasting systems for oceanographic and climate applications.

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