



RCMNS Interim Colloquium Mediterranean-Atlantic Gateways (Neogene to Present)

5-8 May 2015, Rabat, Morocco
(including the MagellanPlus IMAGE workshop)

Convenors: Rachel Flecker (MEDGATE), Javier Hernandez-Molina (IODP Leg 339)

MEDGATE and IODP Leg 339 invite you to the RCMNS interim colloquium on marine gateways and their environmental impact. The focus of the colloquium is the Mediterranean-Atlantic gateway system, both today and in the past. A major aim is to start developing proposals for IODP and/or ICDP drilling that recovers a complete record of Miocene Mediterranean-Atlantic exchange. The meeting has received funding to support the development of these new drilling proposals in the gateway region under the aegis of the IMAGE project (Investigating Mediterranean-Atlantic Gateway Exchange). A half day field trip to classic exposures of Morocco's Miocene Mediterranean-Atlantic gateway sediments is included.

Session themes

- *Processes and patterns of past and present Mediterranean-Atlantic exchange.*
- *Causes and consequences of Mediterranean-Atlantic exchange, past and present.*
- *Tectonics, palaeogeographic evolution and economic implications of the Mediterranean-Atlantic gateway.*
- *Past and present ocean gateways across the globe: what lessons can we learn from them?*
- *Formulating new IODP and/or ICDP proposals to recover a Late Miocene record of Mediterranean-Atlantic exchange.*

Contributions from scientists working on all aspects of marine gateways, both modern and ancient are most welcome. Please see the website below for further details

www.mediterraneanatlanticgateways.net

MagellanPlus Workshop
support is provided by:

