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and the COCARDE Science Community⁶

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COCARDE: new view on old mounds – an international network of carbonate mound research

“New views on old mounds” is the principle scientific objective of the European Research Network COCARDE-ERN. Throughout Phanerozoic times, mounds have represented a current strategy of Life and an exemplary mode of geosphere-biosphere coupling. The integration of recent and fossil mound research will allow to identify the full spectrum of biosphere and geosphere actors, their processes and products in carbonate mound formation and its transformation to a geological body. The key activity of COCARDE-ERN is a scheme of yearly open calls for organizing integrated workshops and field seminars.

These dedicated workshops (two days) and field seminars (three days) are designed to bring the marine and continental carbonate mound research groups together to plan and discuss common actions, including:

- to review existing carbonate mound data and set up an integrated data base
- to identify ICDP targets to explore Cenozoic, Mesozoic and Paleozoic mound provinces and to support their exploitation phase
- to actively support the preparation and exploitation phases of campaigns to core and drill marine mound systems
- to foster new ocean drilling initiatives and support their exploitation, where relevant
- to foster long-term, sustainable support for students and young researchers through training through research

Roadmap of COCARDE-ERN:

