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## Research areas:

### Carbonate reservoir characterization:

I organized the *Carbonate Research Group (CRG)* four years ago in order to meet the oil industry's increasing demand for know-how on carbonates. The group presently consists of geoscientists, mathematicians, physicists, and computer scientists capable of solving single and multidisciplinary tasks related to exploration and development/production of carbonate reservoirs. Current members are *RF-Rogaland Research, University of Bergen (UiB), University of Tromsø (UiT), SINTEF Petroleum Research, Schlumberger Stavanger Research, Stavanger University College, and Cambridge Carbonates Ltd. (UK)*. We collaborate with other national and international expert groups when necessary; e.g. Norwegian Geological Survey (NGU), Norwegian Geotechnical Institute (NGI), and the University of Granada. We employ students in all parts of our projects in order to educate MSc and PhD students with skills required by the petroleum industry. The group is administered by RF-Rogaland Research.

Members from *CRG* presently conduct a carbonate reservoir characterization project based on outcrop data from Italy (Gargano promontory) and Spain (Lorca area). The project aims at improving and linking geological, petrophysical and seismic models to the benefit of hydrocarbon fields. The project is sponsored by STATOIL.



**Gargano;** Karst reservoir analogue



**Spain;** Upper Miocene fringing reef complex (mixed carbonates and siliciclastics)

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