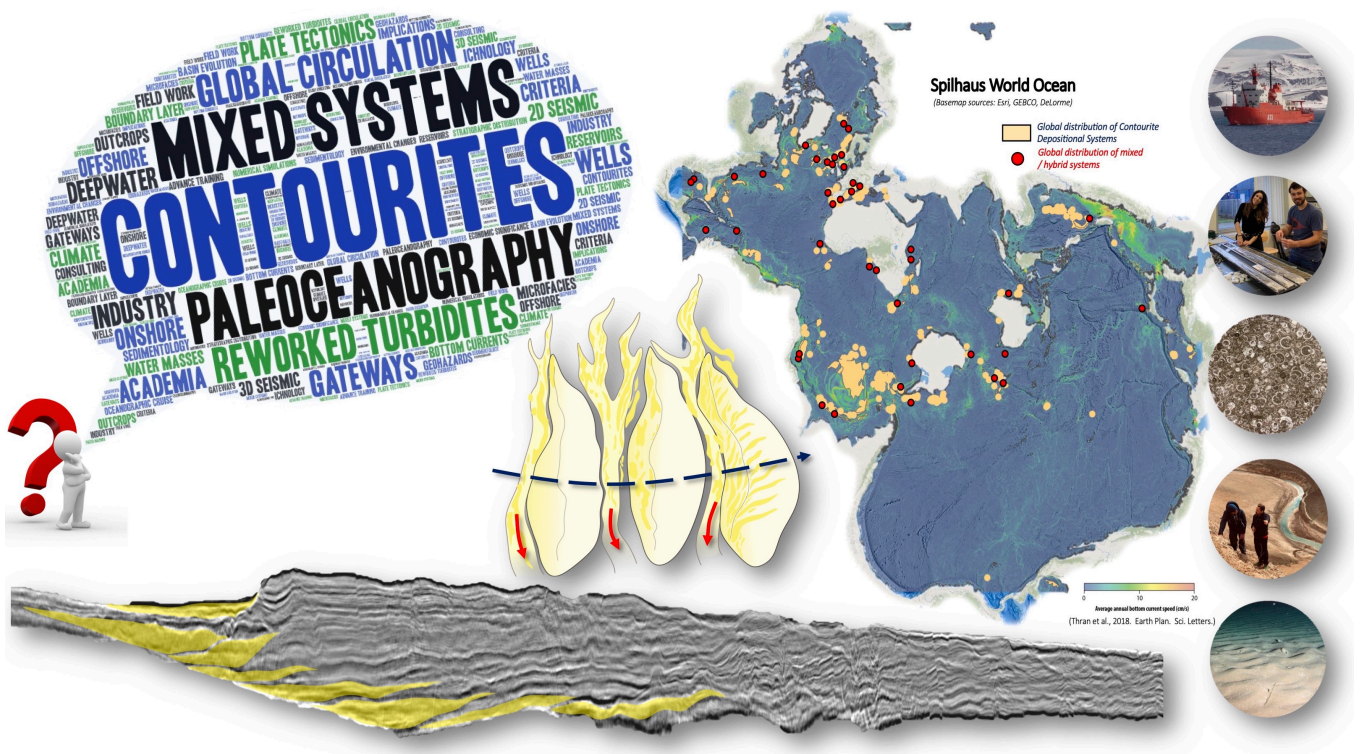


Joint Industry Project Proposal - 2nd Phase (JIP#2) Contourites
2022/2023-2026

Deep-water contourites and mixed deposits:
criteria, global stratigraphic distribution and
implications for reservoir modelling



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Summary

2ND PHASE OF THE JIP (JIP#2) 2022/2023-2026

After the great success of the 1st Joint Industry Project JIP#1 (Contourites) we are launching the JIP#2. This second phase of the Join Industry Project (JIP#2) – *Contourites and hybrid depositional systems* **will continue to refine criteria for identifying contourites and hybrid depositional systems. It will evaluate their role on sedimentary basin evolution and implications for reservoir modelling.** JIP#1 focussed on how to identify contourites but JIP#2 seeks to answer the questions of exactly when and why these two types of sedimentary systems appear in the sedimentary record. This research will be administered by “The Drifters” Research Group headed by Professor F. Javier Hernandez-Molina (RHU) as joint Principal Investigator. “The Drifters” Research Group has already made major scientific contributions to understanding of deep-water marine processes and routinely collaborates with industry partners. See more information at <https://www.royalholloway.ac.uk/research-and-teaching/departments-and-schools/earth-sciences/research/drifters/>

The following outline of JIP#2 includes a three-year plan for novel, economically impactful research on contourite systems. JIP#2 seeks to determine the distribution of contourite features and variation in their morphology and associated features within a wider spatiotemporal framework. Specific objectives are to (a) reconstruct global bottom-current distribution and circulation during the Mesozoic and Cenozoic, (b) identify major global palaeoceanographic events in contourites and relate them to evolution of oceanic gateways and (c) determine the economic significance of these features on geosciences applied to energy transition (CO₂ sequestration and storage, and hydrocarbon exploration).

MEMBERSHIP

- **Cost to sponsors:** Cost unit of £50.000 (UK pounds) per annum for three years. This sum covers full costs of training activities to sponsors, Ph.D. studentships, field trips, workshops, lab experiments, scientific activities and publications. Individual advice and consulting on sponsor’s individual datasets are included.
- **Participation:** Full participation expected, agreement and scheduling of work programme, subsurface data contribution where available and negotiated (sponsor-specific work packages can be added if required).
- **Launch date:** December 2022 (preferred) - beginning 2023 / **End date:** 2026
- **Deliverables:** Unique to sponsors
- **Moratorium period:** To be determined with sponsor’s approval. During this period, any relevant research publication must be approved in advance by sponsors.
- **Contract:** A contract for JIP#2 would be sent to interested parties.

Detail full JIP#2 report including work packages, research activities, training workshops for sponsors and deliverables under request.

Contact us

Companies and professionals interested in participating in the Join Industry Project (JIP#2) – *Contourites and hybrid depositional systems* are strongly encouraged to contact P.I. at the address given below.



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