

PUBLICATIONS

(last update 2017)

PhD thesis:

Probabilistic modeling of oceanic polymetallic nodules orebodies. PhD in Geostatistics, Paris School of Mines. Feb.1989.

Selection of papers and conference proceedings :

- J-M. **Chautru**, E. Chautru, D. Garner, M. Srivastava, J. Yarus: Using Spatial Constraints in Clustering for Electrofacies Calculation. (Proc., 10th International Geostatistics Congress, Valencia, Spain, September 2016, Ed.SPRINGER).
- J-M. **Chautru**: Mapping with auxiliary data of varying accuracy; Poster at EAGE Petroleum Geostatistics, Biarritz, September 2015.
- J-M. **Chautru**, R. Meunier, H. Binet, M. Bourges: Use of connection constraints for checking and enhancing geological models. Bulletin of Canadian Petroleum Geology, Volume 63, Number 4, Dec. 2015, pp. 358-373.
- J-M. **Chautru**, H. Binet, M. Bourges, R. Meunier : Conditioning Static Models with Connectivity Information. EAGE 2014, Amsterdam.
- Al Emadi, J-M. **Chautru** et al. : 3D Modeling of the Arab Formation (Maydan Mahzam Field, Offshore Qatar): An Integrated Approach ; IPTC 13461, IPTC Doha 2009.
- B. Carpentier, H. Arab, E. Pluchery, J-M. **Chautru**: Tar mats and residual oil distribution in a giant oil field offshore Abu Dhabi, Journal of Petroleum Science and Engineering 58 (2007) 472–490
- Chautru**, Arab et al,: An integrated RRT prediction method combining Thin Sections, Sequence Stratigraphy and logs; MEOS 2005 (Bahrain); SPE 93563
- P. Samson, J-M. **Chautru** et al.: 3D Modeling from Seismic to Fluid Flow Simulation: A Case Study (with P. Samson et al.); SPE Technical conference (New Orleans) 1998; SPE 49293.
- Chautru** et al, : « HERESIM 3D : Integrating Data and Disciplinaries for Reservoir Characterization ». Oil and Gas Technology in a wider Europe, 4th EC Symposium, Berlin, November 1992.
- V.Bui-Tram, J.L. Pajon, P. Joseph, J-M. **Chautru**: 3D Reservoir visualization. J.P.T., November 1991, pp.1310-1314.
- J-M. **Chautru**: The use of boolean random functions in geostatistics. (Proc., 3rd International Geostatistics Congress, Avignon, France, September 1988, Ed.REIDEL).
- Guillard, J., Gerdeaux, D., **Chautru**, J.M. (1990). The use of geostatistics for abundance estimation by echo integration in lakes: the example of lake Annecy. In: Rapports et proces verbaux des reunions (p. vol. 189 ; 410-414). DNK : Conseil International pour l'exploration de la mer. <http://prodinra.inra.fr/record/101973>
- J-M. **Chautru**, Y. Morel, G. Herrouin: Geostatistical Simulation of a Commercial Polymetallic Nodule Mining Site; Proc., 20th International Symposium on the Application of Computers and Mathematics in the Mineral Industries, Volume 3: Geostatistics, Johannesburg, SAIMM, 1987, pp. 177-185.
- J-M. **Chautru**: Regression non-lineaire et simulation de gisements de nodules polymétalliques; Etudes Géostatistiques V – Sci. De la Terre, Sér. Inf., Nancy, 1988, 28, pp. 53 à 63..

Oral communications during conferences:

- “Combining seismic and petrophysics to improve facies proportions modeling”: Presentation at worshop 07, EAGE 2017, Paris.
- “Use of Connectivity Criteria for Checking and Enhancing Geological Models”: Presentation at CSPG Gussow Geoscience Conference 2014, Banff.
- “Workflows adapted to Giant Fields Models update”: Presentation at SEG SPE Applied Technology Workshop: Giant Fields Monitoring – Are we Doing It right? (Dubai, 2013).

Professional Associations

SPE, EAGE