



Sudeep Kanungo, PhD, MBA

RESEARCH ASSOCIATE & ADJUNCT ASSOCIATE PROFESSOR

Sudeep Kanungo is a nanofossil biostratigrapher recognized for his work in applied chronostratigraphy through the graphic correlation methodology and composite standard database technology. The foundation of this method is the former Amoco Composite Standard. Sudeep leads his team in integrative, multi-disciplinary chronostratigraphy projects to identify periods of rock accumulation, unconformities and depositional environments in absolute time (mega-annum age). This aids in creating data for improved spatial and temporal calibration of source rock events. Sudeep specializes in Mesozoic (Cretaceous) nanofossils, and integrating them with foraminifera and palynofossils. Sudeep is the principal investigator for the EGI Oceans Research Program and received the Best Science Poster Award for the EGI Oceans South Atlantic Project at the 15th Annual Houston Geological Society Africa Conference in September 2016.

Regional Experience:

- Central and North Atlantic: Conjugate Margin
- South Atlantic: Conjugate Margin
- Equatorial Transform Margin: Côte d'Ivoire – Ghana Transform Margin
- East and West India Passive Margin: 16 onshore to offshore basins
- East Africa: Somalia to Mozambique basins (onshore to offshore)

Recent Publications:

- **Kanungo, S.,** Bown, P. & Gale, A., **2020 (In Press).** *Cretaceous (Albian-Turonian) calcareous nanofossil biostratigraphy of the onshore Cauvery Basin, southeastern India.* *Cretaceous Research*, <https://doi.org/10.1016/j.cretres.2020.104644>
- Setoyama, E. & **Kanungo, S., 2020.** *Mesozoic biochronostratigraphy and paleoenvironment of the South Atlantic: A revised framework based on 20 DSDP and ODP deep-water sites.* *Journal of South American Earth Sciences*, 99, <https://doi.org/10.1016/j.jsames.2020.102511>
- Hafeez, M., Hakhoo, N., Bhat, G. M., **Kanungo, S.,** Thusu, B., Craig, J. & Ahmed, W., **2020.** *Source potential and reservoir characterization of the Cambay Shale, Cambay Basin, India: Implications for tight gas and tight oil resource development.* *AAPG Bulletin*, 104 (8), 1707-1749, <https://doi.org/10.1306/03162017174>

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Expertise

- Integrated microfossil chronostratigraphy
- Nanofossil biostratigraphy
- Integrative source rock studies

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