

## Discussion on Mud Volcano studies

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We propose the time of a progressive discussion on Mud Volcano studies in a various fields and techniques. We aim to progress cross-cutting question and answers to presentations in this session. Add to this, discussions such as a theme of mud volcano studies and/or construction of the new collaborative team are welcome.

The following contents may be suggested:

- crosscutting question and answers to presentations in this session.
  - Scientific interests, targets, prospective results, etc. of mud volcano studies in each research field.
  - Relationship with a “cold seepage” and mud volcanism, the frequently observed with mud volcanism in ocean. Possible collaboration with the cold seepage studies.
  - Relationship with a “intrusion” which often observed in outcrops on land.
  - How to progress research and development to know undiscovered mud volcano, cold seepage, intrusion on land and also in ocean. A plan to gain research funds.
  - Cruise plan to investigate mud volcano in ocean. Discussion on teaming, study theme, and target areas and techniques.
  - Sharing status on mud volcano studies on Mars. A possible contribution to studies on Mars from our mud volcano studies on Earth.
  - Status on competition and/or collaborative relationship with abroad mud volcano communities, and their study plans.
  - Discussion on the “mud volcano session” in a present situation and in future.
- Any other suggestions are welcome.

Keywords: mud volcano, Fluid migration , original depth/ place/ materials