

International conference

## Earth Dynamics - Perceptions and Deadlocks



7<sup>th</sup> September to 11<sup>th</sup> September 2011  
Kanyakumari, India



Controversies over scientific opinions are not uncommon in the evolution of the different branches of science. Creation versus evolution is one such prominent case that raged for a long. Big bang versus steady state is another example. Each piece of scientific data presented in favour or against the two opposing views is being subjected to intense scrutiny not just by opposing camps of scientists but also by interested citizenry. The hypothesis of Plate Tectonics caught the imagination of vast majority of earth scientists although the fact remains that only 0.0001% of ocean floor had been mapped to any degree of certainty and vast tracks of continents remained unmapped by early 1960s when plate tectonics was formulated and propounded. However, right from its inception plate tectonics continued to be contested by scientists based in different part of the world, though miniscule in overall numbers. Now with the modern technological innovations, leading towards sea floor mapping and deep continental drillings, the earlier sceptism catches grip with solid scientific reasoning.

In this backdrop ,the Transect and the Indian chapter of NCGT will host this international conference to discuss data on current understanding and developments about Earth dynamics and to scrutinize where we are onto.

The discussion covers following topics, where research papers are invited .

- **Climate and Tectonics – *the gateway to geodynamics?***
- **Stratigraphic boundaries – *geodynamic stamps of the past.***
- **The Dynamic Earth – *perceptions and deadlocks***
- **Planetary motions and Earth configuration**
- **Mineral Segregation – *formation of ores***
- **Hydrocarbons – *nature, depth and dynamics.***

The Conference opens with a prologue “ **State of art in Global Tectonics - a snapshot**” and culminates with a panel discussion “ **Geocognition – sensing the planetary system**”. Along with the programme one day geological field trip will be organized in and around venue.

Details regarding the Conference is available in >>>> <http://www.ncgt.org/category.php?id=21>

and registration will be opened by 15<sup>th</sup> January 2011 at >>>> [www.transect.in](http://www.transect.in)

We invite you to the conference, and to the debates on the unedited facts revealed about the earth. We could bring up a live space for cognitive understanding on earth phenomena.

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### *Snapshots*

#### **Dates to remember**

- 30<sup>th</sup> November** : Detailed online Program announcement on [www.transect.in](http://www.transect.in)  
**15<sup>th</sup> January** : Registration opens online. Money through bank credits  
**15<sup>th</sup> February** : Submission of extended abstract opens.  
**15<sup>th</sup> April** : Registration ends  
**30<sup>th</sup> April** : Submission of extended abstracts ends  
**May** : Confirmation/finalization of papers accepted

#### **Conference Fee Structure:**

<b>Participants</b>	<b>Fees</b>
Overseas Participant	€ 300
Accompanying Person	€ 200
Overseas Research Student	€ 100
South Asian Participant	₹ 2500
Accompanying Person	₹ 1250
Research Scholar (South Asian countries)	₹ 1000
PG students (South Asian Countries)	₹ 250

*Note: The conference fee covers conference materials, field trip, accommodation and food.*

#### **Conference Location:**

Kanyakumari is a town located at the southern most tip of India. One can reach here by road and by rail from other part of India. By air, one has to fly into Trivandrum International airport, Thiruvananthapuram (TRV) [ located 80kms northwest] or to Annadurai International Airport, Chennai (MAA) [located 850km northeast] or to Madurai National airport, Madurai ( IXM) [ located 400km north]

<http://www.kanyakumari.org.in/>