
Masaru Yoshida¹, Yasuhito Osanai², Masaaki Owada³ and Nakano²
¹. Gondwana Institute for Geology and Environment, Hashimoto, Japan
². Okayama University, Okayama, Japan
³. Yamaguchi University, Yamaguchi, Japan

The International Symposium and Field Workshop on the Role of Sri Lanka in Rodinia and Gondwana Assembly and Breakup and on the LEGENDS Proposal for a North-South Seismic Traverse across Southern India and Sri Lanka were held in Kandy, Sri Lanka from March 29th to April 3rd, 2003. Both the symposium and the meeting were held at the Institute of Fundamental Studies, situated at a hilltop of southern Kandy. Participants were about 20 scientists from 6 countries including Australia, China, Germany, India, Japan and Sri Lanka (Photo). The field workshop will be reported elsewhere.

Opening Session
At the international symposium of 29th March, 23 abstracts formed the abstract volume among which 17 were presented, forming 3 technical sessions. At the opening session, Prof. K. Tennakone, Director of IFS gave a welcome address, which were proceeded by two important talks below.
Rodinia Assembly and Break-up and LEGENDS Proposal (A. Kröner).
Seismic traverse Across India and Sri Lanka (P.R. Reddy).

Session 1, Grenvillian and Pan-African Events in Sri Lanka and Southern India (chaired by A. Kröner and W.K.N. Prame) included following 7 talks.
A Commentary on Grenvillian Event in Sri Lanka (M. Yoshida and others)
What Happened to India and Sri Lanka during the Proterozoic? (I. Braun and others)
Cooling Rates of the Precambrian Basement of Sri Lanka; Problems and Perspective (G.W.A.R. Fernando and others)
Constraints on the Nature and Delineation of the Highland Complex/Wanni Complex Boundary, Sri Lanka (R. Kleinschrodt and W. Pouillon)
Evolution of the Highest-grade Metamorphic Rocks from Central Highland Complex, Sri Lanka (Y. Osanai and others).
Evolutionary History of the 550 Ma Southern Granulite Terrain, South of the Palghat-Cauvery Shear Zone, Southern India: Imbrications of the Assembly/Breakup of Eastern Gondwana (A.S. Janardhan)
Session 2, Tectonics and Magmatism in Rodinia and Gondwana (chaired by M. Yoshida and Lu. Songnian) included 5 talks below.

880-1000 Ma Magmatic Event(s) in the Wanni Complex of Sri Lanka and Speculation on Their Relevance for Rodinia and Gondwana Super-continent Formation. (A. Kröner and others).


The Tectonic Architecture of Central and Northern Madagascar and their Role in the Final Assembly of Gondwana (A.S. Collins and others).


Retrograde Tectonothermal Events in the Napier Complex, East Antarctica: Correlation with the East Gondwana Fragments (M. Owada and others).

Session 3, Geological and Tectonic Evolution of China (chaired by Simon A. Wilde and A.S. Janardhan) consisted of the following 4 talks.

Precambrian Outline of Northwest China (Lu Songnian).

Assembly, Accretion and Break-up of the Palaeo-Mesoproterozoic Supercontinent Columbia and its Records in the North China Craton (Gouchum Zhao and others).

Geology, Petrology and Geochemistry of Neoproterozoic Granitoids of the Qinling Orogen, Central China, and its Geological Significance (Chen Zhihong and others).

Late Proterozoic Magmatism within the Dabie-Sulu Collisional Belt, Eastern China: Response of the Yangtze Block to the Break-up of Rodinia? (Fukun Chen and others).

LEGENDS Proposal (chaired by A. Kröner and P.R. Reddy)

At the General Discussion session following the Session 3 of 29th and the additional meeting in the 30th evening, many topics regarding the LEGENDS Proposal were presented and discussed and the following agreements were obtained.

1. The project should be proceeded through intimate collaboration of international and multidiscipline scientists; especially geologists should be attached with the project in deciding the location of the traverse belt, providing geologic information of the belt, and in assessing the seismic result.

2. Collaboration of the Sri Lankan side has been recognized to be fundamental, and the government clearance will be sought.

3. Further discussion was extended towards the success of the full scheme of the LEGENS program including Eastern Africa, Madagascar, Indian Ocean, India, Sri Lanka and Antarctica. Necessity of pursuing sincere effort in each country was recognized, and of obtaining recognition of the project by international high-level programs/organizations was stressed and agreed upon.

4. Effort to generate funds for the experiment will be made independently in each country, with guidance/intimate cooperation of international scientific forums, for the success of the novel global geodynamic initiative under LEGENDS program.
The symposium dinner party was organized at the Hotel Topaz, located at the northern hilltop of the Kandy Town on the evening of 29th. The participants enjoyed beautiful assembly of Sri Lankan Curries.