



国際深海科学掘削計画 (IODP) 研究航海関連活動報告書

提出年月日：2017 年 5 月 20 日

氏名：吉田孝紀

所属機関・職名：信州大学理学部・教授

活動の種類 (該当項目を残す)	2nd Post-expedition meeting
IODP 研究航海番号 および航海名	Exp. 354 Bengal Fan
乗船時の役割	Sedimentologist (例 Sedimentologist)
出張期間 (移動も含む)	2017 年 4 月 29 日 ~ 2017 年 5 月 12 日
用務地 (国・都市)	ネパール国・ポカラ
本活動における成果 ネパール国ポカラ市において開催されたポストクルーズミーティングで、以下の発表を行った。 Kohki Yoshida et al., Heavy mineral assemblages in Lower-Middle Miocene sediments in the Bengal Fan, IODP. Exp. 354 同時に 28 件の話題提供・発表があり、それぞれの研究者との議論を行い、当掘削航海の科学目標の達成に向けて方向性と共同研究の方法について合意形成をはかった。今後、フランス・ドイツ・ネパール・インド・韓国・アメリカ合衆国・ブラジルの研究者と協同して、日本側乗船研究者の成果をまとめる予定である。	
備考	

注意事項

1. 当報告書は出張終了後 2 週間以内に海洋研究開発機構研究推進部内 IODP/J-DESC 旅費サポートに E-mail (travel@j-desc.org) でご提出ください。



Report on IODP Expedition Related Activities

Reporting date (Day/Month/Year): 26 May, 2017

Name: Babu Ram Gyawali

Affiliation and job title: Tohoku University, Student

Type of activities (leave one)	2nd Post-expedition meeting
IODP Expedition Number and Name	354 Bengal Fan Sediments
Responsibility in the expedition	Micropaleontologist (Calcareous Nannofossil) (ex Sedimentologist)
Activity Period (including transportation)	From (28/04/2017) to (12/05/2017)
Venue (city and country)	Begnas Lake Resort, Pokhara, Nepal
<p>Result of the activity</p> <p>The second post-cruise meeting of IODP Expedition 354 (Bengal Fan) in Nepal went smoothly. During the post-expedition meeting, I presented the ongoing study from the Site U1407A which focus on reveal the revised calcareous nannofossil biostratigraphy and assemblage changes during the Quaternary period. A total of six nannofossil zones have been identified based on 18 bioevents (7 first occurrences, 10 last occurrences). I discussed the results with the paleomagnetic researcher working on the Pleistocene time and found that the results are in good fit making the dataset robust.</p> <p>It was good experience to listen to results from other participants and discuss for collaborative studies to do better science. In particular the presentation on exhumation rate and sediment transport to the Bengal Fan in association with the geochemical proxies and their relationship to the global carbon cycle by Prof. France-Lanord was impressive. The talk gave an overview regarding the Himalayan sediment input via Ganges River and sediments travelling along the Brahmaputra River. It was also good to discuss in person during the presentation as well as around dinner table or so. We also got to learn that the deadline to submit our dataset as data report to IODP or manuscript submission to peer-reviewed journals is by a year.</p>	
Notes	

Note:

1. The report should be submitted to the J-DESC/IODP Travel Support by email (travel@j-desc.org) **within two weeks after the activity.**