

## AOB Seminar

講演者名: Stephen Kirby 博士

所 属: US Geological Survey

開催日時: 2016年5月31日(火) 14:00-15:30

場 所: 地震・噴火予知研究観測センター 別館第1会議室

講演題目&要旨:

### **The Fascinating Mw 7.9 Deep Earthquake of 30 May 2015: An Extreme Isolated Event and Comparisons with Related Earthquakes Elsewhere**

Steve Kirby<sup>1,2,3</sup> and Emile Okal<sup>4</sup>

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A remarkable Mw 7.9 deep earthquake occurred on 30 May 2015 in the vicinity of the Bonin Islands. Multiple investigations show that this event occurred beneath the active Bonin Wadati-Benioff zone that shows a deep morphology terminating in stagnant slab extending to the west. Several other independent observations are also consistent with this event occurring in an isolated fragment of oceanic slab. Other examples of slab fragments are also discussed.