



Ongoing call
Application
deadline: 10 Aug.



INTERNATIONAL CONTINENTAL
SCIENTIFIC DRILLING PROGRAM



New additional call for
underground visit
deadline: 29 Aug.

Additional opportunity on 14 Oct. for the PROTEA workshop's underground visit at Moab Khotsong mine and suggestions for optional geology fieldtrips

1. The ongoing call for participation of underground visit (16 or 18 October)

https://www.icdp-online.org/fileadmin/New_ICDP_website/Projects/doc/protea/PROTEA_workshop_call.pdf

The PROTEA workshop organizing committee has arranged underground visits on Thursday, and Saturday, 16 and 18 October, for geomicrobiologists and geophysicists, respectively. The Google Form, with QR code shown upper left, is calling for application of the underground visit. The committee will announce who were selected as the underground visitors by early August. Because of limitation of the visitor number, some applicants might miss a great opportunity unfortunately.

2. Additional opportunity on 14 October for underground visit

To back it up, the committee would arrange an additional opportunity on Tuesday, 14 October. Please apply for the Google Form with QR code upper right by 29 Aug.

<https://docs.google.com/forms/d/e/1FAIpQLSdtFvjIq1N8JH5xTFIdn3nekl7Tif3zXF75a89yR7p1vrUNpA/viewform?usp=sharing&ouid=110007223201721212201>

If the committee finds some room still remains after the selection, the committee will enquire the participants who were not selected as the mine visitor on 16 or 18 October.

Important condition:

At 8 a.m. sharp on Monday, 13 October, a 10-seat vehicle the PROTEA workshop organizes will leave the O.R. Tambo Johannesburg International Airport. After the short visit of Vredefort Dome, the vehicle will get to the mine by 2 p.m. to register visitors' finger prints. The vehicle will take them to a guest house near a mine. Underground visit safety induction is also held on the way to or back from the mine.

On Tuesday, 14 October, from early in the morning, the vehicle will take participants to the mine for underground visit and take them back to the guest house.

On Wednesday, 15 October, around noon, the vehicle will take the participants to the PROTEA workshop venue.

The participants must cover the guest house accommodation fee. The committee will cover the vehicle rental and petrol fee.

3. "50 Must-See Geological site in South Africa (2016; South African Geol. Soc.)"

<https://www.amazon.com/Must-See-Geological-Sites-Gavin-Whitfield-ebook/dp/B01AGLRH8K>

now on sale at USD 14.99.

Taking this opportunity, we would like to introduce you some geological fieldtrips very relevant to DSeis/PROTEA projects. Exceptionally well preservation is the main cause of the endowment of world largest gold deposit at the Witwatersrand basin, which also preserves what is going on at the base of the seismogenic zone below the continent and 1.2 Ga hypersaline brine rich in DOC and DIC. These were the big discoveries of the DSeis project.

Basin-wide igneous events and, the host-rock and the mafic/ultramafic intrusives underwent significant metamorphism or hydrothermal alteration with water rich in CO₂. The book guides you to feel how great the extent of the basin wide geological events, which include continental passive margin sedimentation, foreland basin sedimentation, 2.7 Ga Ventersdorp LIP and rifting, 2.5 Ga post-rift thermal subsidence deposit, 2.05 Ga Bushveld LIP-like igneous event (Site , 2.02 Ga Vredefort meteorite impact (Site 23), 1Ga Pilanesberg igneous event, and younger Kimberlitic igneous event.

Hiroshi Ogasawara (DSeis project PI) will guide his students from Thursday, 9 October to Monday, 13 October. He will open his itinerary and all the details (route time and distance; Google Map drive link; suggested best-located accommodation; safe driving tips in South Africa). Please take it into account plan your own geological field trip.

The book (Kindle version) is now on sale at Amazon.com at 14 USD.