

## **IPC6 EXCURSION ROUTE 9: Fossiliferous Silurian to tropical Permian of the Loei Foldbelt, Indochina Terrane, NE Thailand (includes IGCP 700)**

**12<sup>th</sup>-16<sup>th</sup> November 2022**

**Excursion leader(s) TBA**

There are two ways to join the group for the route 9 Loei trip, participants can meet us at the reception of the Pullman Hotel, Khon Kaen - the venue of the congress. Alternatively, participants may be met at Loei airport or at any hotel in Loei city. Participants should notify us in advance by at least a few days to make sure we can meet you there. November is a good time for a fieldtrip in this region as it has a mild temperature, relatively low humidity, with very little rain.

**Saturday November 12<sup>th</sup>** Depart from Khon Kaen in early morning for Chiang Khan, Loei. Start with a review on general geology, stratigraphy and palaeontology of the Loei region. Stay overnight at the resort next to the Mekong River. Shopping at local market and dinner with Thai food along the Mekong.

**Sunday November 13<sup>th</sup>** Evidence of uplift during the Mississippian (?Visean): Carboniferous sequences along the road next to the Mekong River from Chiang Khan to Pak Chom including the siliciclastic, chert and carbonate sequences indicative of deep marine, slope, shallow marine and terrestrial environments. Carboniferous coal with shallow marine fossils and Late Devonian to early Carboniferous radiolarian cherts. Givetian (Middle Devonian) reef and fossiliferous strata.

**Monday November 14<sup>th</sup>** ? late Silurian to Early Devonian shallow marine, fossiliferous strata including rugose and tabulate corals, stromatoporoids, brachiopods, crinoids, trilobites, etc.

**Tuesday November 15<sup>th</sup>** Permian carbonates at the Phu Pha Lom National Park and nearby Carboniferous siliciclastic and carbonate sequences with fossil wood fragments, fusulinids, brachiopods, etc. and evidence of late Permian to Triassic Indosinian Orogeny.

**Wednesday November 16<sup>th</sup>** Go to Khon Kaen and visit Phu Wiang Dinosaur Museum on the way back.

More information:

<https://www.tat.or.th/th>

[https://www.numsuay.go.th/activity/user\\_select\\_photo.php?news\\_id=45](https://www.numsuay.go.th/activity/user_select_photo.php?news_id=45)



# Route 9

Loei

Fossiliferous Silurian to tropical Permian of the Loei Foldbelt, Indochina Terrane, NE Thailand



Enjoy nature travel and Me-Kong culture



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