



**Government of India
Geological Survey of India**

Dated: 30.01.2019
International Affairs & IGC
Policy Support System
Central Headquarters
Kolkata -700 016

No: R20/IAIGC/36IGC_field Circular_2/2019

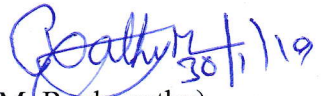
CIRCULAR

36th IGC society has forwarded a basic template for preparation of Field Guide Book for 36th IGC linked field traverses. It was informed that, further requirements related to the preparation of Field Guide Book shall be apprised at a later date.

In view of above, Coordinators/ Supervisors of 36th IGC linked FSP items are requested to prepare the Field Guide Book as per the template given by 36th IGC Society.

Further, 36 IGC Society has requested all the Coordinator/Supervisors to submit 3 to 5 best quality photographs from their respective field trips **by 15.02.2019**. The photographs may be sent to 36 IGC Society (Email 36igcfieldtrips@gmail.com) under intimation to DDG IA&IGC (Email ddgiaigc@gmail.com/ddgiaigc@gsi.gov.in)

This is for kind perusal and needful.


(M. Raghupathy)
DDG, IA&IGC

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Copy for information to

1. The DDG (IT), GSI, CHQ, Kolkata, 27 J.L. Nehru Road, Kolkata – 700016, with the request to upload the above in GSI portal.


(M. Raghupathy)
DDG, IA&IGC

36th International Geological Congress, Delhi (NCR)

<To provide dates of Excursion. For Example, March 9-15, 2020>

Excursion Guide Book

<Give Code-- For example, Code-NR006>

Title

<To provide title- For example Tectonics of the Higher Himalayan Crystallines, Alaknanda-Dhauliganga Valleys, Uttarakhand Himalaya>

<Author/s: For Example, AK Jain, DC Srivastava, Sandeep Singh, Saurabh Singhal, Aliba Ao>

A good photograph

Emblems <IGC logo, IUGS logo and theme logo >

<Month and year of publication>

36th International Geological Congress, Delhi (NCR)

<To provide dates of Excursion. For Example, March 9-15, 2020>

Field Excursion Guide Book

Title:

<To provide title: For example, Tectonics of the Higher Himalayan Crystallines, Alaknanda-Dhauliganga Valleys, Uttarakhand

Himalaya>

<Authors: To provide names of authors, For Example- ¹AK Jain, ²DC Srivastava, ³Sandeep Singh, ⁴Saurabh Singhal, ⁵Aliba Ao>

1, 2, 3 <Addresses with e-mails and mobile nos.>

**Logo 36 IGC and
theme logo**

(Total length of Guide Book must not be more than 60 printed pages. In exceptional cases, FTC may allow printing maximum up to 100 pages. Authors will be informed about the format later on)

CONTENTS (To Tabulate)

Contents

Abstracts < about 300-500 words>

Chapter I: Logistics

- 1.1. Dates and location
- 1.2. Travel arrangements:

Chapter II: Regional Geological Framework [contents to be prepared based on the scope and objectives of the field trip]

- 2.1. Introduction
- 2.2. Stratigraphy/Geological Framework
- 2.3. Tectonics and structures
- 2.4. Paleontology
- 2.5. Geochemistry/isotope characters/geochronology
- 2.6. Paleocurrents, depositional environments and basin configuration

CHAPTER-III: Field trips

- 3.1. Geological overview along the transect
- 3.2. Excursion stops
- 3.3. Geoheritage/ geotourism sites/ geomorphosites

CHAPTER IV: Summary and Conclusions

Acknowledgements

Field trip partners/ sponsors, if any- logo and website

Bibliography

Chapter I: Logistics

2.4. Dates and location

From:< 2020 > To: <.....2020.>

Trip starts at: *Trip ends at:*

2.5. Travel arrangements:

<Route plan –

- i. 1. The pre/post congress excursion will start on..... in the forenoon/ after noon (tentative time) from to by <mode of transport>. Also to cite alternative route plan, if required.
- ii. Accommodation: < Description, for example is situated close to geological objects and all daily field trips will start and finish in the hotel situated in the town. Blocks of single and double rooms will be reserved for participants, no additional arrangements needed.>
- iii. Local transport: <In order to reach all geological features/ exposures situated km far from, it is presently contemplated that the trip to the should be run with a 20/40 etc.-seat off-road bus/ vehicle with experienced driver. Field Vehicles would be having first aid kit. However, participants are advised to carry necessary medicines as per their requirement.>
- iv. Field logistics: < Breakfast and dinner are usually associated with overnight accommodation. Lunches are planned in the nice outcrops in the mountains and trip organizers will prepare all necessary lunch materials. >.
- v. Terrain specific instructions : <weather related requirements may be cited>

[Similar description for different halts and spots are to be provided]

Chapter II: Regional Geological Framework

(The sections under Chapter II are to be defined based on the scope and objectives of the field trip and may vary from one to the other. Pertinent high resolution maps, photographs, and other diagrams are to be inserted in this document. However, separate high resolution copies of the same image files (> 1 MB size) are to be submitted/ uploaded (instruction for this shall be communicated later) for designing purpose).

- 2.6. **Introduction:** This chapter will provide an introduction to the region, previous work, etc.
- 2.7. **Stratigraphy/Geological Framework:** Stratigraphy, available geological maps etc.
- 2.8. **Tectonics and structures**
- 2.4 **Paleontology**
- 2.5. **Geochemistry/isotope characters/geochronology**
- 2.6. **Paleocurrents, depositional environments and basin configuration**

CHAPTER-III: Field trips

(The *sections under Chapter III* are to be defined based on the scope and objectives of the field trip and may vary from one to the other. Pertinent high resolution maps, photographs, and other diagrams are to be inserted in this document. However, separate high resolution copies of the same image files (> 1 MB size) are to be submitted/ uploaded (instruction for this shall be communicated later) for designing purpose).

3.1. Geological overview along the transect

- Provide geological overview of the terrain along the transect and cite its international importance.
- Also provide Route Map. All maps are to be provided in vector format as well.

3.2. Excursion stops

3.2.1. **Stop No.** <1, 2, 3----etc.>

3.2.2. **Section:**<To mention section name/road reference>

3.2.3. **Location:**<Lat-Long. (For example: N 24°27.182': E 83°03.711'. You may also insert your own reference of the diary for correlation (For example: RM 56). You may also give reference to village or some other important features. >

3.2.4. **Approach:** <Mention approach to the locality. By car or on foot! Show direction and diversion. Also mention hiking requirement.>

3.2.5. **Observations:** <This is the key point of the Guide Book. Please provide the following (if possible). Though these points would vary in different Guide Books, some of the points are common.

* Description of the locality, rock types, mutual relationships etc.

- * Photographs describing features. These photographs MUST be explicit and relevant.
- * A detailed geological map of the locality (if available).
- * Structural, geochemical, isotopic and geochronological data (if available).>

3.3. Geoheritage sites

Location and Approach:

Importance: <Description and significance. A few photographs>

CHAPTER IV: Summary and Conclusions

<To summarize the whole Excursion Guide Book so that a participant may know what are the points covered in the text. Also give point-wise the conclusions of the Guide Book.>

Acknowledgements

Field trip partners/ sponsors, if any- logo and website

Bibliography

<Strictly follow a uniform format as used in the Special Publication GSI. No other style may be followed. Some examples are given below.

Albee, H.F., Cullins, H.L., 1975: Geologic map of the Alpine Quadrangle, Bonneville County, Idaho, and Lincoln County Wyoming. United States Geological Survey Geologic Quadrangle Map GQ-1259, scale 1:24,000

Gansser, A., 1964: Geology of the Himalayas. Wiley Interscience, London, 289p.

Pilgrim, G.E., (1906): Notes on the Geology of Bhutan. Rec. Geol. Surv. India, 34(1), 2-30.>

A Good
Photograph/Quotation may
be placed

NB: The above template is provided to prepare the first draft of the field trip guide book. 36th IGC shall be providing the template/web form for submission/uploading of the guide book at a later date.