



INDIAN SOCIETY OF ENGINEERING GEOLOGY

NHPC Office Complex,
Sector-33, Faridabad – 121003, Haryana, India

INDIAN SOCIETY OF ENGINEERING GEOLOGY

ISEG Council Meeting

Venue: Online meeting via zoom app
At 11.00 hrs on 18th April, 2020

AGENDA

1. Welcome by Secretary, ISEG
2. Address by President ISEG
3. Address by invited patrons of ISEG
4. Calendar of activities of ISEG for Year 2020 and 2021.
5. Membership drive for ISEG.
6. Membership of IAEG for the year 2020
7. Publication of ISEG Newsletter April, 2020 issue.
8. Request for papers/articles for upcoming issue of Journal of Engineering Geology
9. Permanent Office Space for ISEG
10. Any other issue with permission of the chair.
11. Concluding address by Secretary, ISEG

MINUTES OF THE ISEG COUNCIL MEETING

The first meeting of the Indian Society of Engineering Geology Council for the year 2020-21, was held on 18th April, 2020 at 11.00 AM. Amidst prevailing lockdown condition due to COVID-19, the meeting was held online through the zoom platform. This was the first meeting in the history of the ISEG to be held through the online mode. It was attended by 24 persons in total.

The meeting started as per scheduled time under the Chairmanship of President ISEG Sh. A.K. Singh. Secretary, ISEG, and the house congratulated President, ISEG, on assuming the charge of CMD, NHPC. Meeting was also attended by the senior patrons of the Society, Dr. Gopal Dhawan, -Ex-CMD MECL and Sh. R.N. Mishra, Ex- CMD, SJVN. The following issues were discussed in the meeting:

1. **Welcome address by the Secretary, ISEG:** The Secretary, ISEG, Sh. S. L. Kapil, welcomed all the participants in the meeting. He expressed his happiness over presence of almost all of the executive council members of ISEG and the veterans despite complete lockdown. He presented an outline of the activities to be taken up in the tenure of the present council and assured the house to complete all the pending works too.



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- 2. Address by President ISEG:** President, ISEG, Sh. A.K. Singh, in his presidential address, assured the house for all possible help in taking the Society to new heights. He expressed his satisfaction on the expertise available with ISEG in fields of engineering geology, engineering geophysics, rock mechanics and civil engineering. He proposed that the Society should take up publication of a compendium on the experiences and lessons learnt from various hydropower and water resource projects. This would act as a guideline in resolving geological/geotechnical issues in ongoing/upcoming projects. The president assured the house that the issue of financing can be resolved with cooperation of all the beneficiary organizations. This proposal was well taken by the house. The president also advised the council to take up the issue of standardization of geological exploration for the hydropower projects.

The president advised that ISEG should take a lead in organizing Geoscience Meets in which eminent professionals in the field of Engineering Geology and Hydropower development would present lectures. The President further stated that projects languishing for years due to lack of proper engineering solutions are a challenge to the engineering community of the country. The most glaring examples are Punatsangchhu-I HE Project in Bhutan and Parbati-II HE Project in H.P, India. The engineers and geologists & Geophysicists of the country should strive to evolve feasible solutions to problems associated with these projects and save the prestige of the country. He requested the senior members to take a lead role to resolve such issues. He also emphasized that use of advanced investigation should be used for minimizing the geological uncertainties. He invited all the members of ISEG to express their views about these problems so that a workable solution could be evolved.

- 3. Address by invited patrons of ISEG:** Apart from senior members of the Council, two of the respected seniors, Dr. Gopal Dhawan and Sh. R.N. Misra, were also present in the meeting. The president requested them to share their views on this occasion.

Dr. Gopal Dhawan, in his address appreciated the efforts of the ISEG and recounted how EGNM was organised in a grand way with cooperation of all the members. He endorsed the proposal of publication of case histories raised by the President, ISEG. He informed the house that in past too, similar efforts have been made and case histories of Chamara Stage-I and Dhauliganga-I Project were published. He suggested that ISEG should take lead in publication of case histories of projects and bring out special issues which comprising of invited articles from geologists, geophysicists and engineers who had worked in these projects. He volunteered his services in this regard whenever required. He too



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agreed with the President that leaving the foreign projects of the country, e.g. Punatsangchhu-I unresolved is a blot on the engineering prowess of the country and it demands out-of-box thinking from whole engineering community of the country.

Sh. R.N. Misra, in his address, advised ISEG to bring out special issues of the journal of ISEG, concentrating on one chosen project. He desired that a mechanism should be worked out to involve ISEG in the Punatsangchhu-I project, so that the vast experience of the members of the Society can be utilized for achieving laurels for the Nation. He stressed that ISEG can take up the issue within the limits of its functioning.

Sh. A. K. Mishra, in his address appraised the house of the nature of problem being faced at Punatsangchhu-I HE Project and his own efforts in this matter to reach at an implementable solution. He discussed the issue in minute detail. The President, ISEG, appreciated his views and told that if he has some ideas, ISEG can take up this issue and can provide a platform to evolve a solution, compile it and forward to the Govt of India. Sh. Mishra, further intimated the house that MHPA Management has already submitted the Phase-I Completion Report in 3 Volumes and Phase-II Completion Report is almost getting ready for printing and shall be submitted soon to RGoB.

Sh. M. Raju in his address appreciated the efforts of ISEG in discussing the geological issues of the hydropower projects. He told the house that there are guidelines available for investigation of hydropower projects. These are required to be updated in the contemporary context.

Sh. Pradeep Singh, mentioned that inspite of the COVID-19 situation, we all must strive to contribute towards nation building by working from home. He also shared a good news with the house that the next Director General of Geological Survey of India, will be an active member of ISEG. With active cooperation of so many people at the helm of affairs, the ISEG can take a greater role in Nation's interest.

Dr. Saibal Ghosh, in his brief address suggested to take up the publication of a compendium of challenges as well as success stories of various hydropower projects in the country for common benefit of all.

- 4. Calendar of activities of ISEG for the Year 2020 & 2021:** The Secretary, ISEG, presented the proposed calendar of the activities of the Society. It was informed that due to preoccupations of the previous council with the IGC works,



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the Geotechnical Orientation Program and EGCON 2019 couldn't be organized. The issue was discussed in detail in light of the prevailing COVID-19 conditions and the following programme was finalized:

Name of Activity	Proposed dates	Resource persons	Venue	Remarks
Year 2020				
Geotechnical Orientation Program for young geologists/ geophysicists/ engineers	Sept 9-11, 2020	ISEG, Delhi NCR Chapter	Any hotel at Delhi/ NCR	Should also include ½ day field work
EGCON 2020 3 days International Conference on “Geological risks and mitigation through Innovative Investigation Techniques for Hydropower and Infrastructure Projects ”	December, 9-11 2020	President ISEG & Secretary, ISEG	Any hotel in Delhi/ India Habitat Centre	In association with any Corporate/ PSU (AGM may also be held on 11 th December, 2021)
Year 2021:				
Geotechnical Orientation Programme for young geologists/geophysicists/engineers	June 9-11, 2021	ISEG, Delhi NCR Chapter	Any hotel at Delhi/NCR	Should also include ½ day field work
Two-days workshop on “Advanced Geotechnical, Geophysical and Seismological Studies for hydropower projects”	Dec 9-10, 2021	President, ISEG & Secretary, ISEG	Any hotel at Delhi/NCR	AGM may also be held on 10 th Dec, 2021.

5. **Membership drive for ISEG:** The Secretary, informed the house that at present Society has 1528 life members and efforts are being to increase it even further. He requested the senior members of the Society to persuade the juniors of their respective organizations to take the ISEG life membership. The President proposed to give all the council members a target to get at least 5 new members each within the next three months.
6. **Membership of IAEG for the year 2020:** The Secretary intimated the house that last year the Society had paid membership fees for 100 members to IAEG. This year we must thrive to exceed this number. The membership of IAEG ensures the standing of the society with its parent body IAEG.
7. **Publication of ISEG Newsletter April, 2020 issue:** The Secretary, ISEG, presented status of various publications of ISEG. He submitted that the present council has taken up the work to streamline the publication of the JoEG. It is worth-mentioning that as per decision taken in ISEG Council meeting held in Dec 2017, the publication of the journal was to be done through online mode only after publication of the Golden Jubilee Volume (Vol 41). The publishing of journal online was a new challenge for the subsequent Council and the Editorial



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team. This challenge was very gracefully accepted by the council. There has been some delay attributed to this transformational process. The Vol 42 of the JoEG, which was due for publication in 2017, has since been published in Jan '20 and is available in the archive section of the website at <http://www.joegindia.com/VOL-43.html>. The Vol. 43 will also be uploaded shortly. He further appraised the house that April 2020 issue of ISEG Newsletter, is under preparation and shall be released soon.

8. **Request for papers/articles for upcoming issue of Journal of Engineering Geology:** The Secretary informed the house that as no EGCON was held in 2019, sufficient articles are not available with the editor for further compilation of the journal volumes. He requested the members to contribute technical papers for publication in the JoEG.
9. **Permanent Office Space for ISEG:** The issue of permanent office space for ISEG was also discussed during the meeting, The President assured that he shall look into the issue and efforts will be made for a suitable space for the society.
10. **Any other issue with permission of the chair:** Dr. Saibal Ghosh, past Secretary proposed that the EGCON-2021 may be organized as Asian Regional Conference in collaboration with IAEG. The present council should start acting in this direction and take up the issue with the President, IAEG. Sh. M. Raju, suggested that the EGCON 2020 to be clubbed with IGC 2020. This will enhance the possibility of getting large number of international participations. Sh. Pradeep Singh, submitted that as the format of both the events are entirely different, it may not be possible. Sh. Saibal Ghosh, submitted that there are many logistic problems in organizing the EGCON and IGC together as many of the ISEG members will be preoccupied with various assignments. Sh. Pradeep Singh, stressed that any decision in this regard could only be taken after improvement of the COVID-19 situation and resumption of normal Govt. office works. However, the house resolved to hold the EGCON 2020 and 2021 for sure.
11. **Concluding remarks:** The Secretary, ISEG, expressed his sincere thanks to all the participants. He appreciated his special gratitude to President ISEG and all senior members for sparing time from their busy schedule and providing valuable inputs for the growth of the Society.

The meeting ended with thanks to the Chair.



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ANNEXURE-I

List of Members Attended the Meeting					
Sl. No	Membership No		Name	Designation	ISEG Portfolio
1	LM	1519	Sh. A.K. Singh	Chairman & Managing Director, NHPC	President, ISEG 2020-21
2	LM	340	Dr. Gopal Dhawan	Ex-CMD, MECL	Ex-President, ISEG 2013-15
3	LM	1349	Sh. R.N. Mishra	Ex-CMD, SJVNL	Ex-President, ISEG 2016-17
4	LM	664	Sh. M. Raju	EX DG, GSI	Vice President, ISEG 2018-19
5	LM	1523	Sh. A.K. Mishra	MD, MHPA, Bhutan	Vice President, ISEG 2020-21
6	LM	1428	Sh. Pradeep Singh	Dir (Tech), Ministry of Mines	Vice President, ISEG 2020-21
7	LM	1341	Dr. Saibal Ghosh	Director, GSI	Secretary ISEG 2018-19
8	LM	1408	Sh. S.L. Kapil	Executive Director , NHPC	Secretary ISEG 2020-21
9	LM	1226	Sh. Vachaspati Pandey	SM (Geology), NHPC	Joint Secretary, ISEG 2020-21
10	LM	1212	Sh. Nihar Ranjan Bhattacharjee	Director, GSI, Kolkata	Joint Secretary, ISEG 2020-21
11	LM	1296	Sh. Rahul Khanna	SM (Geology), NHPC	Editor, ISEG 2020-21
12	LM	1277	Dr. Mridul Srivastava	Supdt Geologist, GSI, Dehradun	Treasurer, ISEG 2020-21
13	LM	1269	Sh. Arindom Chakraborty	SM (Geology), NHPC	Jt. Secretary, ISEG 2018-19
14	LM	1525	Sh. Vipul Nagar	SM (Geophysics), NHPC	Joint Editor, ISEG 2020-21
15	LM	1517	Sh. Dharmendra Kumar	Sr. Geologist, GSI	Council Member, ISEG 2020-21
16	LM	1522	Sh. Satish Kr. Goyal	MD, Spar Geo Infra	Council Member, ISEG 2020-21
17	LM	1431	Sh. Sunil Jaideo Ganvir	SM (Geology), NHPC	Council Member, ISEG 2020-21
18	LM	1360	Sh. Amitabh Sharan	CEO, EGE Consultants, Faridabad	Council Member, ISEG 2020-21
19	LM	1236	Sh. Saikat Pal	AGM, EIL, New Delhi	Convener, ISEG Delhi NCR Chapter 2020-21



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20	LM	1420	Dr. A. P. Singh	Director, Explore Engineering Consultancy (P) Ltd., Noida.	Co-Convener, ISEG Delhi NCR Chapter 2020-21
21	LM	1232	Sh. Prashant Rai	SM (Geology), NHPC	Treasurer, ISEG Delhi NCR Chapter 2020-21
22	LM	1437	Sh. Ajay Singh	SM (Geology), NHPC	Council- Member, ISEG Delhi NCR Chapter 2020-21
23	LM	1521	Dr. Ashit Kr. Swain	Supdt. Geologist. GSI, Gangtok	Council Member, ISEG 2020-21
24	LM	1520	Sh. Sebabrata Das	Supdt. Geologist. GSI, Dehradun	Council Member, ISEG 2020-21