

Training Program on “Flood and Landslide Management in Kerala”

A one-day training-cum-awareness programme on “Flood and Landslide Management in Kerala”, was jointly organized by the Department of Geology, Central University of Kerala and People’s Forum, Kasaragod on 20th September, 2019. The event was sponsored by KSCSTE (Kerala State Council for Science, Technology and Environment) and Central University of Kerala (CUK). The program was inaugurated by Prof. (Dr.) G. Gopakumar, Hon’ble Vice Chancellor, CUK and presided over by Prof. V. Gopinathan, President, People’s Forum, Kasaragod. The keynote address was delivered by Dr. Kamalakshan Kokkal, Chief Scientist, KSCSTE, Thiruvananthapuram. Dr. Muthukumar Muthuchamy, Head, Department of Environmental Science, CUK, and Sri T.P. Padmanabhan, Retd. Director, SEEK (Society of Environment Education Kerala), Payannur and Sri. Anandan Pekedan felicitated the function. Dr. Sandeep K., Head (in charge), Department of Geology, CUK, welcomed the gathering and Dr. Sijinkumar A V proposed vote of thanks. The audience included the 160 Eco Club Teachers, school and college students and public from various parts of Kasaragod District. The program included discussion on possible causes behind the repetitive occurrence of natural hazards like frequent flash floods and landslides in Kerala, the necessity of organizing such an awareness program, who further supported the notion and encouraged the public by delivering knowledge on steps to mitigate the problems from the grass-root level, the role of eco-club teachers in mitigating natural disasters. Dr. Kamalakshan Kokkal, discussed on “Kerala and Natural Hazards” with specific emphasis on the geological conditions prevailing in the state and the actions to be taken accordingly. Dr. Manoj M.G., Research Scientist, Advanced Centre for Atmospheric Radar Research, CUSAT, delivered a talk on “Changing Climate and Disaster Risk Reduction”. He stressed on the rising temperatures following increase in CO₂ emissions and concentrations. He mentioned that the precipitation pattern is becoming extreme and crops getting harmed due to untimely rain in Kerala, with an increase in landslides in Kerala. Dr. A.N. Manoharan, Assistant Professor, Department of Geology, Govt. College Kasaragod, elaborated on “Role of Eco Club teachers in mitigating Natural Disasters”. He focused on the models suggested till now, which predict the intensity of damage caused by natural disasters in Kerala. The programme concluded with the concluding remarks made by Prof. V. Gopinathan, President, People’s Forum Kasaragod. Sri Padmakshan M, Secretary, Peoples’ Forum, Kasaragod, distributed the certificates to the participants.

Participants

A total of 160 participants attended the training program including Eco Club Teachers, school and college students and public from various parts of Kasaragod District.



TECHNICAL SESSIONS (11.00 - 05.00 P.M.)

11.00 a.m. - 11.45 A.M: Session I

Keynote Address:

Dr. Kamalashan Kakkal

Chief Scientist, Kerala State Council for Science, Technology & Environment

“Kerala and Natural Hazards”

Interaction and discussion (11.45 P.M. - 01.00 P.M)

Moderator

: T.P.Padmanabhan, Director, SEEK, Payyanur

: Prof. V. Gopinathan, Dist. Co-ordinator Eco Club and National Children's Science Congress

: Anandan Pekkadam, Co-Ordinator, Kanhangad Educational District, Eco Club

: Adv. Vijayan Koduth, Secretary, BIOSK, Kasaragod

Lunch Break 01.00- 1.30 P.M.

1.30 P.M. - 02.30 P.M: Session II

Dr. Manoj M.G.

Research Scientist, Advanced Centre for Atmospheric Radar Research, CUSAT

“Changing Climate and Disaster Risk Reduction”

Interaction and discussion (2.30 p.m. - 03.00 P.M)

3.00 p.m. - 04.00 p.m: Session III

Dr. A.N Manoharan

Assistant Professor, Dept. of Geology, Govt. College Kasaragod

“Role of Eco club teachers in mitigating Natural Disasters”

Interaction and discussion (4.00 p.m. - 04.30 P.M)

4.30 p.m. - 05.00 P.M: VALEDICTORY SESSION

Concluding Remarks

: Prof. V. Gopinathan

Certificate distribution

: Sri. Padmakshan M

National Anthem

*Training program
ON*

FLOOD AND LANDSLIDE MANAGEMENT IN KERALA

(With special reference to the scenario of Kasaragod District)



Jointly organized by:

**Department of Geology, Central University of Kerala &
People's Forum, Kasaragod**

Sponsored by:

KSCSIT and Central University of Kerala

On 20 - 09 - 2019
(10.00 A.M. to 5.00 P.M.)

**At Seminar Hall, Sabarmati Block
Central University of Kerala**

About the Program

Kerala was overwhelmed by an unprecedented natural event; the flooding in 2018 combined with landslide which caused many deaths. The catastrophic impact of rainfall on several districts of Kerala has come as a grim reminder that the vigil against the unpredictable natural disasters must never be relaxed. Many people thought that the floods and landslides in Kerala that caused substantial financial losses and manifold human tragedies was once in a century calamity and that normally will return soon. However, in 2019, a repeat of the shocking events of intense floods and landslides has not just left the same set of people stunned but also made them realize that it is the best time to come up with solid decisions and policies. Based on the long-term trend of the rainfall in the region, researchers pointed out that this part of the country has become drier in summer, but with an increasing frequency of destructive flash floods. This trend is expected to become stronger in future. This points to the need for governments to strengthen their resilience planning. This should begin with a program to relocate people away from the hazard zones along the rivers and the unstable slopes of Western Ghats. The vulnerability of the terrain induced by the pattern of land use along with inter and intra variability of rainfall and the extreme events is no more a rare event in once in a century. Now it is the high time to develop awareness among public, build-up firm public policy to regulate land use including rampant quarrying, which destabilizes the earth's surface and preparation of productive and warning maps of flood-prone and landslide zonation. In this regard, Department of Geology, Central University of Kerala and Peoples Forum Kasaragod organize one-day Training-cum-Awareness program on flood and landslides in Kerala with special reference to Kasaragod District. The targeted audience include Eco Club teachers, School, College and University students and public.

We cordially invite you for this Training-cum-Awareness Programme and expect your active involvement and kind co-operation for the successful conduct of the programme.

PROGRAMME SCHEDULE

Inaugural Session (10.00 - 11.00 A.M.)

Prayer

Welcome

: **Dr. Sandeep K**
Assistant Professor and Head (I/c),
Dept. of Geology, CUK

Presidential Address

: **Prof. V. Gopinathan**
President, People's Forum Kasaragod

Inauguration

: **Prof. (Dr.) G. Gopakumar**
Honourable Vice-Chancellor,
Central University of Kerala

Keynote Address

: **Dr. Kamalakshan Kokkal**
Chief Scientist, KSCSTE,
Thiruvananthapuram

Felicitation

: **Dr. K Jayaprasad**
Pro-Vice chancellor, Central
University of Kerala

: **Dr. Radhakrishnan Nair**
Registrar, Central University of Kerala

: **Dr. Prathapachandra Kurup**
Dean, School of Earth Science Systems,
CUC

: **Dr. Muthukumar Muthuchamy**
Head, Dept. of Environmental Science,
CUC

: **Sri. T.P. Radmanabhan**
Director, SEEK, Payyanur

: **Dr. Sijin Kumar A V**
Organising Secretary & Assistant
Professor, Dept. of Geology, CUC

: **Dr. Sijin Kumar A V**
Organising Secretary & Assistant
Professor, Dept. of Geology, CUC

Vote of Thanks

: **Dr. Sijin Kumar A V**
Organising Secretary & Assistant
Professor, Dept. of Geology, CUC

HoD (I/c)

Department of Geology

Central University of Kerala

President

Kasaragod

People's Forum




केरल केंद्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF KERALA

(संसद के अधिनियम, वर्ष 2009 द्वारा स्थापित / Established under the Act of Parliament in 2009)

No.CUK/ACA/GEO/SEM.CONF/432/17/2019 / 2632 / F3587 Dated, 17th September, 2019

आदेश / ORDER

1. Administrative approval is hereby accorded to Dr.Sandeep K, Head i/c, Department of Geology for organizing one day Training cum Awareness programme on 'Flood and landslides in Kerala on 20/09/2019 at Department of Geology, Central University of Kerala.
2. Financial sanction is given for a total amount of Rs.15,000/- (Rupees Fifteen Thousand only) for the above purpose.
3. Further, approval is also accorded to draw an amount of Rs.12,000/- (Rupees Twelve Thousand only) as advance in favour of Dr.Sijin Kumar A V, Assistant Professor, Department of Geology.
4. This is issued with the approval of the competent authority and concurrence of Finance Wing, Budget Head: Conference/Seminar, Classification code: 351000, Diary No. A₁/14 for the year 2019-20.

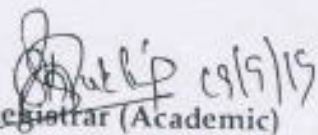

सहायक कुलसचिव/Asst. Registrar (Academic)

No.CUK/ACA/GEO/SEM.CONF/432/17/2019

Dated, ___ September, 2019

प्रतिलिपि / Copy to:

1. Dean, SESS
2. Dr.Sandeep K, Head i/c, Department of Geology
3. Dr.Sijin Kumar A V, Assistant Professor, Department of Geology
4. Asst. Registrar (Finance) - to release the advance amount
5. Office copy


सहायक कुलसचिव/Asst. Registrar (Academic)


19/09/19

तेजस्विनी हिल्स, पेरिया/ डाक. कासरगोड-671316, केरल / TEJASWINI HILLS, PERIYE (P.O.)
KASARAGOD - 671 316, KERALA, दूरभाष/ Phone : 0467-2232403, 2232409,
वेबसाइट/ Website:- cukerala.ac.in, ई-मेल / E mail:- registrar@cukerala.ac.in



केरल केंद्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF KERALA

(संसद के अधिनियम, वर्ष 2009 द्वारा स्थापित / Established under the Act of Parliament in 2009)

No. CUK/ACA/GEO/SEM.CONF/432/17/2952

दिनांक/Date: 03rd December, 2019

आदेश / ORDER

1. In continuation of the order No. CUK/ACA/GEO/SEM.CONF/432/17, dt.17th September, 2019, revised expenditure sanction is hereby accorded to Dr. Sijin Kumar A V, Assistant Professor, Department of Geology for an amount of Rs.15,000/- (Rupees Fifteen Thousand only) being the expenditure incurred for conducting One day workshop on "Flood and Landslide Management" held on 20/09/2019 at Department of Geology, Central University of Kerala.
2. Further, approval is also accorded to adjust the advance of Rs.12,000/- (Rupees Twelve Thousand only) drawn by Dr.Sijin Kumar A V for the above purpose and to reimburse the excess amount of Rs.3,000/- (Rupees Three Thousand only) spent from his own resources.
3. This is issued with the approval of competent authority.

सहायक कुल-सचिव(शैक्षिक)/Asst. Registrar (Acad)

No. CUK/ACA/GEO/SEM.CONF/432/17/2019 / FSUR

दिनांक/Date: /12/2019

प्रतिलिपि / Copy to:

1. Dean, SESS
2. Head, Department Geology
3. Dr.Sijin Kumar A V, Assistant Professor, Department of Geology
4. Assistant Registrar (Finance) along with bills & vouchers.
5. Office copy

सहायक कुल-सचिव(शैक्षिक)/Asst. Registrar (Acad)

तेजस्विनी हिल्स, पेरिया/ डाक, कासरगोड-671316, केरल / TEJASWINI HILLS, PERIYE (P.O.)

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