



HYDRO 2022 INTERNATIONAL
27th International Conference on Hydraulics, Water Resource, Environmental & Coastal Engineering



Civil Engineering Department
Punjab Engineering College, Chandigarh, India
(December 22-24, 2022)

PROGRAMME SCHEDULE SUMMARY
DAY-1: 22nd DECEMBER 2022 (THURSDAY)

Time	Event	Venue
08:30 AM – 09:45 AM	Registration & Tea	
09:45 AM – 10:45 AM	S N Gupta Memorial Lecture: Dr. Shivam Tripathi, Professor, Department of Civil Engineering, IIT Kanpur Topic: Bridge Scour under pressure flow: Challenges & Recent Developments	Institute Auditorium
10:45 AM – 11:00 AM	Tea	
Technical Session TS01 11:00 AM – 12:15 PM	Parallel session 01: HHM Theme: Hydrology and Hydrologic Modelling Keynote 01: Dr. Kamal Laksiri, Govenor ASCE, Region – 10, Srilanka Co- Chair: Dr. Sarita Singla, Professor, PEC Chandigarh Parallel session 02: EH Theme: Environmental Hydraulics Keynote 02: Prof. T.I Eldho, Department of Civil Engg., IIT Bombay Co- Chair: Dr. S.K.Singh, Professor, PEC Chandigarh Parallel session 03: FH Theme: Fluvial Hydraulics Keynote 03: Dr. P.L Patel, SVNIT Surat Co- Chair: Dr. Kamal Kumar, Associate Professor, PEC Chandigarh	
Technical Session TS02 12:15 PM – 1:30 PM	Parallel session 04: CCW & COE Theme: Climate Change Impact on Water Resources & Coastal/Harbor and Ocean Engineering Keynote 04: Prof. M.C.Deo, IIT Bombay Co- Chair: Dr. Geeta Arora, Associate Professor, PEC Chandigarh Parallel session 05: HSH & GTW Theme: Hydraulic Structure and Hydropower Project & Geospatial Technologies in Water Resources Engineering Keynote 05: Prof. V. Sundar, IIT Madras Co- Chair: Dr. S.K. Verma, Professor, PEC Chandigarh Parallel session 06: ECF and CMWR Theme: Experimental and Computational Fluid Mechanics and CMWR Keynote 06: Prof. H. L. Tiwari, MANIT Bhopal Co- Chair: Dr. Shakti Arora, Professor, PEC Chandigarh	New Academic Block
01:30 PM – 02:15 PM	Lunch	
INAUGURAL CEREMONY 03:00 PM – 04:00 PM	CHIEF GUEST Shri Gajendra Singh Shekhawat Hon'ble Minister, Ministry of Jal Shakti, GoI GUESTS OF HONOUR Dr. R S Kankara , Director, CWPRS, Pune & President, ISH Er. Sanjay Srivastava , Chairman BBMB Sh. Rajinder Gupta , Chairman, Board of Governor, PEC Chandigarh	Conference Pandal
04:00 PM – 05:00 PM	High Tea	
05:00 PM – 06:00 PM	ISH General Board meeting	
06:00 PM onwards	Cultural activities followed by Conference Dinner	

Signature



HYDRO 2022 INTERNATIONAL
27th International Conference on Hydraulics, Water Resource, Environmental & Coastal Engineering



Civil Engineering Department
Punjab Engineering College, Chandigarh, India
(December 22-24,2022)

DAY-2: 23rd DECEMBER 2022 (FRIDAY)

Time	Event	Venue
08:00 AM – 09:30 AM	Breakfast	Centenary Hall
09:30 AM – 10:00 AM	Plenary Lecture- 1 Prof. Chandra Shekhar Prasad Ojha, Professor Department of Civil Engineering, IIT Roorkee Topic: Flow over stepped spillways: Recent Developments	New Academic Block
10:00 AM – 10:30 AM	Sponsors Presentation	
Technical Session TS03 10:30 AM – 11:45 AM	Parallel session 01: GTW Theme: Geospatial Technologies in Water Resources Engineering Keynote-08: Dr. Mahesh Pal, NIT, Kurukshetra Co-Chair: Dr. Sarita Singla, Professor, PEC Chandigarh	
	Parallel session 02: COE Theme: Coastal/Harbor and Ocean Engineering Keynote-09: Prof. R.K. Jaiswal, Scientist-E, NIH Bhopal Co-Chair: Dr. S.K. Singh, Professor, PEC Chandigarh	
	Parallel session 03: HSH & COE Theme: Hydraulic Structure and Hydropower Project & Coastal/Harbor and Ocean Engineering Keynote-10: Dr. Satanand Mishra, Principal Scientist, CSIR- AMPRI Co- Chair: Dr. P.K. Gupta, Professor, PEC Chandigarh	
11:45 PM – 12:00 PM	Tea Break	
Technical Session TS04 12:00 PM – 01:15 PM	Parallel session 04: STW Theme: Soft computing Techniques in Water Resources Engineering Keynote-11: Prof. Mohd. Muzzamil, AMU Aligarh Co-Chair: Dr. Kamal Kumar, Associate Professor, PEC Chandigarh	
	Parallel session 05: HHM & ECF Theme: Hydrology and Hydrologic Modelling & ECF Keynote-12: Dr. S.M. Goel, New Delhi Co- Chair: Dr. Geeta Arora, Associate Professor, PEC Chandigarh	
	Parallel session 06: FFM Theme: Flood Forecasting and Mitigation Measures (FFM) Keynote-13: Prof. Manoj Khare, Director, CDAC Pune Co- Chair: Dr. S.K. Verma, Professor, PEC Chandigarh	
01:15 PM – 02:00 PM	Lunch	

21-12-22



HYDRO 2022 INTERNATIONAL
27th International Conference on Hydraulics, Water Resource, Environmental & Coastal Engineering



Civil Engineering Department
Punjab Engineering College, Chandigarh, India
 (December 22-24,2022)

DAY-2: 23rd DECEMBER 2022 (FRIDAY)

Time	Event	Venue
Technical Session TS05 02:00 PM – 03:15 PM	Parallel session 07: STW & HHM Theme: Soft computing Techniques in Water Resources Engineering & Hydrology and Hydrologic Modelling Keynote-14: Prof. Vivekanand Singh, NIT Patna Co-Chair: Dr. Shakti Arora, Professor, PEC Chandigarh	New Academic Block
	Parallel session 08: CMWR Theme: Challenges in the Management of Water Resources Keynote-15: Prof. Chandra Shekhar Prasad Ojha, IIT Roorkee Co-Chair: Dr. Sarita Singla, Professor, PEC Chandigarh	
	Parallel session 09: COE Theme: Coastal/Harbor and Ocean Engineering Keynote-16: Prof. Manish Pandey, NIT Warangal Co-Chair: Dr. S.K.Singh, Professor, PEC Chandigarh	
03:15 PM – 03:20 PM	Sponsors Presentation	
03:20 PM – 03:30 PM	Tea Break	
Technical Session TS06 03:30 PM – 04:45 PM	Parallel session 10: CCW Theme: Climate Change Impact on Water Resources Keynote-17: Prof. D.V.S Verma (Retd.), NIT KKR Co-Chair: Dr. P.K. Gupta, PEC Chandigarh	
	Parallel session 11: FH Theme: Fluvial Hydraulics Keynote-18: Prof. Upain Bhatia, ACET Amritsar Co-Chair: Prof. Sovina Sood, Assistant Professor, PEC Chandigarh	
05:00 onwards	Local Sight Seeing	



HYDRO 2022 INTERNATIONAL
*27th International Conference on Hydraulics, Water Resource, Environmental &
Coastal Engineering*
Civil Engineering Department
Punjab Engineering College, Chandigarh, India
(December 22-24,2022)



DAY-3: 24th DECEMBER 2022 (SATURDAY)

Time	Event	Venue	
09:00 AM – 09:45 AM	Breakfast	Centenary Hall	
09:45 AM – 10:00 AM	Sponsors Presentation	New Academic Block	
Technical Session TS07 10:00 AM – 11:30 AM	Parallel session 01: HHM & CMWR Theme: Hydrology and Hydrologic Modelling & Challenges in Management of Water Resources Keynote-19: Prof. V.S. Dogra, NIT Hamirpur Co- Chair: Dr. Geeta Arora, Associate Professor		
	Parallel session 02: GTW Theme: Geospatial Technologies in Water Resources Engineering Keynote-20: Dr. Snehmani Aggarwal, Scientist SASE Chandigarh Co- Chair: Dr. S.K. Verma, PEC Chandigarh		
	Parallel session 03: COE & ECF Theme: Coastal/Harbor and Ocean Engineering & ECF Keynote-21: Prof. L.R. Rangnath, Scientist, CWRPS Pune Co- Chair: Dr. Shakti Arora, Professor, PEC Chandigarh		
11:30 AM – 11:45 AM	Tea Break		
Technical Session TS08 11:45 PM – 01:00 PM	Parallel session 04: CCW, FFM Theme: Climate Change Impact on Water Resources & Flood Forecasting & Mitigation Measures Keynote-22: Prof. P. K. Das, NIT Rourkela Co- Chair: Dr. Sarita Singla, Professor, PEC Chandigarh		
	Parallel session 05: GTW Theme: Geospatial Technologies in Water Resources Engineering Keynote-23: Prof. Javed Alam, AMU Aligarh Co- Chair: Dr. S.K. Singh, Professor, PEC Chandigarh		
	Parallel session 06: STW Theme: Soft computing Techniques in Water Resources Engineering Keynote-24: Mr. N. Vivekanandan, Scientist, CWRPS Pune Co- Chair: Dr. P.K. Gupta, Professor, PEC Chandigarh		
01:00 PM – 01:45 PM	Session with Waterman of India Sh. Rajinder Singh	Institute Auditorium	
01:45 PM – 02:30 PM	Valedictory Session and Awards		
02:30 PM onwards	Lunch and Departure	Centenary Hall	