

## General Program

Time	Events	
Tuesday-Thursday 13-15 May		
Three Days	Pre-Study Tour	NO 1: Along Yangtze River :from Gezhouba Project to Shuibuya CFRD and Three Gorges Project NO 2: Along Dadu River: from Shuangjiangkou Dam to Houziyan CFRD
Thursday 15 May		
Full day (9:00-17:30)	Meeting of ICOLD Board	
Friday 16 May		
Morning ( 9:00-12:00 )	9:00-12:30 Meeting of ICOLD Board	
	Short Course	No.1:BIM Design of reservoir dams No.2: Hydropower stations and reservoirs dispatching and control No.4: Design and construction of Rock-Filled Concrete Dam
Afternoon (14:00-17:00)	Meeting of TC Chairpersons	
	Short Course	No.1:BIM Design of reservoir dams No.2: Hydropower stations and reservoirs dispatching and control No.3: New hydraulic challenges of water projects at mountainous river No.4: Design and construction of Rock-Filled Concrete Dam
	City Tour	Route A: Chengdu Museum,Kuanzhai Alley Route B: Research Base of Giant Panda Breeding Center
Evening (18:00)	TC Chairpersons Dinner	
Saturday 17 May		
Full day ( 8:00-17:00 )	City Tour	Dujiangyan Project and Mount Qingcheng
Morning (8:00 or 8::30, 9:00 – 12:00)	Workshops organized by ICOLD TCs	Advanced Numerical Modeling Applied to Dam Engineering(TC A)
		Seismic Analysis Methods for Embankment Dams(TC B)
		Experience and practice of CFRD: a 40 years review (TC E)
		Analysis and simulation of dam failure flood(TC H)
		Reliability based Preservation Concept and Challenges for Historical Dams(TC HWS)
		Cascade Hydropower Stations and Reservoirs Forecasting and Dispatching Technology and Its Application(TC K)
		Safety management of tailings dams(TC L)
		The future activities of the TC Levees(TC LE)
		Operation, Maintenance and Rehabilitation of Dams(TC M)
		Public Awareness and Education Examples of Successful Communication Strategies(TC N)
		Cemented Material Dams(TC P)
		Flood Evaluation and Smart Operation of Water Infrastructures(TC S)

Time	Events	
		After 15 Years of Contribution: What we learned together and what can we do next?(TC Y)
		Dam and Water Resources Management in the Context of Energy Transition (ZX2 & TC-U )
Noon(11:00-13:30)	APG Workshop	Workshop on Dam Upgrading for Climate Resilience and Energy Transition
Afternoon (14:00-18:00)	Workshops organized by ICOLD TCs	Chutes, stilling basins, upgrading and surveillance of spillways(TC C)
		Compaction of Earthfill in Embankment Dams(TC E)
		Experience and practice of CFRD: a 40 years review (TC E) <i>(continued)</i>
		Analysis and simulation of dam failure flood(TC H) <i>(continued)</i>
		Progress of the bulletin on dam safety risk assessment and the bulletin on dam safety guideline(TC H)
		Safety management of tailings dams(TC L) <i>(continued)</i>
		The future activities of the TC Levees(TC LE) <i>(continued)</i>
		Operation, Maintenance and Rehabilitation of Dams(TC M) <i>(continued)</i>
		Flood Evaluation and Smart Operation of Water Infrastructures(TC S) <i>(continued)</i>
		Floating PV on dam reservoirs(TC T)
		Capacity Building in ICOLD(TC Z)
Sunday 18 May		
Morning (9:00-12:00)	TC Meeting	TC A: Computational aspects of analysis and design of dams TC B: Seismic aspects of dam design TC C: Hydraulics for dams TC D: Concrete dams TC E: Embankment dams TC G: Environment TC H: Dam safety TC I: Public safety around dams TC J: Sedimentation of reservoirs TC K: Integrated operation of hydropower stations and reservoirs TC L: Tailings dams & waste lagoons TC M: Operation, maintenance and rehabilitation of dams TC N: Public awareness and education TC O: World register of dams and documentation TC P: Cemented material dams TC Q: Dam surveillance TC S: Flood evaluation and dam safety TC T: Perspective and new challenges for dams and reservoirs in the 21 <sup>st</sup> century TC TRS: Tropical residual soils

Time	Events	
		TC U: Dams and river basin management TC V: Hydromechanical equipment TC Y: Climate change
	Workshops organized by CHINCOLD	Reservoir dams and novel power system
		Hydro-wind-solar-PSH hybrid power base
Noon(12:00-13:00)	YPF	Lunch with Mentors
Afternoon (14:00-18:00)	TC Meeting	TC B: Seismic Aspects of Dam Design( <i>continued</i> ) TC C: Hydraulics for dams( <i>continued</i> ) TC D: Concrete dams( <i>continued</i> ) TC E: Embankment dams( <i>continued</i> ) TC G: Environment( <i>continued</i> ) TC H: Dam safety( <i>continued</i> ) TC HWS: Historical Water Structure (Water Heritage) TC I: Public safety around dams( <i>continued</i> ) TC J: Sedimentation of reservoirs( <i>continued</i> ) TC LE: Levees TC L: Tailings dams & waste lagoons( <i>continued</i> ) TC M: Operation, maintenance and rehabilitation of dams( <i>continued</i> ) TC N: Public awareness and education( <i>continued</i> ) TC Z: Capacity building and dams TC P: Cemented material dams( <i>continued</i> ) TC Q: Dam surveillance( <i>continued</i> ) TC S: Flood evaluation and dam safety( <i>continued</i> ) TC T: Perspective and new challenges for dams and reservoirs in the 21st century( <i>continued</i> ) TC U: Dams and river basin management( <i>continued</i> ) TC V: Hydromechanical equipment( <i>continued</i> ) TC Y: Climate change( <i>continued</i> ) TCZA1: World declaration on the role of dam in the energy transition and climate change TCZA2: Gender diversity and inclusion 15:00-18:00 TCZX2 (YPF): Young engineers
		Reservoir dams and novel power system ( <i>continued</i> )
		Constituting river ethics and building ecological dams
		Innovation and practice in dam engineering under complex geological conditions
		16:00-18:00 Regional Clubs Meeting(Asia-Pacific)
		16:00-18:00 Regional Clubs Meeting(Africa)
		16:00-18:00 Regional Clubs Meeting(Europe)
		16:00-18:00 Regional Clubs Meeting(America)

Time	Events	
	18:00-19:00 Dams and sustainability coordination committee meeting	
	18:00-19:00 French-speaking Committees Meeting	
Evening (19:00-22:00)	Young Professionals' Night	
Monday 19 May		
Morning (8:30-12:00)	International Symposium: Opening and keynote presentations	
Noon	12:00-12:30 Exhibition Opening 12:30-13:40 Workshop organized by TC on Gender Diversity and Inclusion (with lunch)	
Afternoon (14:00-18:00)	International Symposium for T1	
	International Symposium for T2	
	International Symposium for T3	
	International Symposium for T4	
	International Symposium for T5	
	15:00-16:00 Press Conference	
	16:00-18:00 ILDE Workshop	
	16:30-17:30 Congress questions officers meeting	
	Exhibition	
Evening (19:30)	Welcome Reception	
Tuesday 20 May		
Full day (9:00-18:00)	Technical Visit ( 8:00-17:00 )	Route A:Dujiangyan Project and Mount Qingcheng Route B: Zipingpu Dam and Lijiayan Dam
	General Assembly	
	Exhibition	
Morning (8:30 or 9:00-12:00)	Workshops organized by CHINCOLD	Digital and intelligent technologies for dam design, construction and maintenance
		The benefits of reservoirs and dams in regional economy
		Dam design and risk management based on safety and resilience concept
		Challenges and countermeasures of reservoir sedimentation
Afternoon (14:00-18:00)	Workshops organized by CHINCOLD	Digital and intelligent technologies for dam design, construction and maintenance(continued)
		Ancient dams and human civilization
		Development and prospect of pumped storage power stations
		Termites control technologies
		Integrated water resources management and green hydropower development
	Cultural	19:30-22:00 Jinsha Site Museum

Time	Events	
	Event	
Wednesday 21 May		
Morning (8:30-12:30)	28th Congress Opening Ceremony	
	Question 108 and109: General Reports	
	Exhibition	
Afternoon (14:00-18:30)	Question 108 Theme 1 - Dams, reservoirs and Climate change adaptation. A global perspective Theme 2 - Dams and Reservoirs for Pumped Storage Hydro	
	Question 109 Theme 1 - Management strategies and government legislation Theme 2 - Foundation sustainability	
	Meeting of IHA Board	
	Exhibition	
	Evening	
EuroCOLD Networking event with Carpi		
Thursday 22 May		
Morning (8:00-12:30)	Question 108 Theme 3 - Off-stream Reservoirs and Reservoir adaptations to CC Theme 4 - Climate change adaptation: the “think-out-of-the box” session	
	Question 109 Theme 3 - Innovations in Dam safety Theme 4 - Dam safety enhancement by monitoring and rehabilitation	
	Exhibition	
Afternoon (14:00-18:30)	14:00-16:00 Question 110 and 111: General Reports	
	16:30-18:30 Question 110 Theme 1 - Prediction of extremes – accounting for uncertainty and historical incidents	
	16:30-18:30 Question 111 Theme 1 - Seismic Design of Dams	
	Exhibition	
18:30-20:00	Forum on World Declaration (Co-hosting Session IHA, CHINCOLD and ICOLD)	
Friday 23 May		
Morning (8:00-12:30)	Question 110 Theme 2 - Assessment for the safety of structures for extreme conditions Theme 3 - Mitigating the risk : assessing and enhancing the resilience of the structures	
	Question 111 Theme 2 -Earthquake Performance and Safety Evaluation of Existing Dams Theme 3 - Seismic Design and Safety of Concrete Dams	
	Exhibition	
Afternoon (14:00-18:00)	14:00-16:00 Question 110 Theme 4 - Mitigating the risk – the integrated flood management approach	

Time	Events	
	14:00-16:00 Question 111 <i>Theme 4 -Seismic Design and Safety of Embankment Dams</i>	
	16:30-18:00 Closing Ceremony	
Evening(19:30)	Farewell Dinner	
Saturday -Tuesday 24-27 May		
3-4 Days	Post-Study Tour	NO 1: Along Yangtze River—from Gezhouba Project to Three Gorges and Danjiangkou Dam NO 2: Along Dadu River from Shuangjiangkou Dam to Houziyan Dam NO 3:Along Yalong River From Jinping I Hydropower Station to Kala Hydropower Station NO 4:Along Yellow River(middle) From Yellow River Museum to Xiaolangdi Project to Sanmenxia Project NO 5: East China from Liyang pumped-storage power station to Liangzhu Archaeological Site, Xinanjiang Hydropower Station and National Water Museum of China