Program of the 32nd UNESCO-IHP Online Training Course (28th November – 8th December, 2022)

Date		Time	Contents	Lecturer(s)
28-Nov	Mon	13:00-15:30	Opening ceremony, self-introduction and country report	T. Hori/M. Saber
		15:30-17:00	Lecture 1: Fundamentals of basin-scale hydrological analysis	Y. Ichikawa
29-Nov	Tue	10:00-11:30	Lecture 2: Hydrological measurements of large river basins	S. A. Kantoush
		12:30-14:00	Lecture 3: Resilient society development under changing climate	K. Takara
		14:30-16:00	Confirmation of installing the required softwares	M. Saber
30-Nov	Wed	10:00-11:30	Lecture 4: Fundamentals of rainfall-runoff-inundation modelling	T. Sayama
		12:30-14:00	Exercise 1-1: Rainfall-runoff-inundation modelling	
		14:30-16:00	Exercise 1-2: Rainfall-runoff-inundation modelling	
		16:30-18:00	Exercise 1-3: Rainfall-runoff-inundation modelling	
1-Dec	Thu	10:00-11:30	Lecture 5: Fundamentals of land surface processes	K. Tanaka
		12:30-14:00	Exercise 2-1: Processing method of meteorological and geographical data (parallel session for trouble shooting)	K. Tanaka & K. Yorozu
		14:30-16:00	Exercise 2-2: Processing method of meteorological and geographical data (parallel session for trouble shooting)	
2-Dec	Fri	10:00-11:30	Lecture 6: Integrated sediment management for reservoir sustainability	T. Sumi
		12:30-14:00	Lecture 7: Management of river ecosystem under changing climate	Y. Takemon
		14:30-16:00	Exercise 3: Statistical downscaling of GCM output	S. Kim
		16:30-18:00		
3-Dec	Sat	Full-day	Exercise 4: Self-paced practicing of RRI and modelling the target river basin	Trainees
4-Dec	Sun	Full-day	Field visit (select the target local river basin)	Trainees
5-Dec	Mon	10:00-11:30	Lecture 8: Climate changes impact prediction on disaster environments	E. Nakakita
		12:30-14:00	Exercise 5: Follow-up of exercises with Q & A session	M. Yamada
		14:30-16:00		
6-Dec	Tue	10:00-11:30	Lecture 9: UNESCO-IHP and water resources prediction under changing climate in Asia	Y. Tachikawa
		12:30-14:00	Exercise 6: Follow-up of exercises with Q & A session (parallel session for each exercise)	K. Tanaka, T. Sayama, T. Hori, S. Kim
		14:30-16:00		
7-Dec	Wed	10:00-11:30	Lecture 10: Fundamentals of optimum reservoir operation	T. Hori
		12:30-14:00	Exercise 7: Optimum operation of reservoir systems	
		14:30-16:00	Exercise 8: Follow-up of exercises with Q&A session (parallel session for each exercise)	K. Tanaka, T. Sayama, T. Hori, S. Kim
		16:30-18:00		
8-Dec	Thu	10:00-11:30	Report presentation by each participant	T. Hori/M. Saber
		12:30-14:00		
		14:30-16:00		
		16:30-18:00	Closing ceremony	T. Hori/M. Saber