EAEH 2023

Multiple Crises and the Asian Anthropocene: Climatic, Ecological, and (Post)Colonial Perspectives

June 28 - July 2, 2023 KAIST & IBS, Daejeon, Korea

Association for East Asian Environmental History Center for Anthropocene Studies (CAS) Korea Advanced Institute of Science and Technology (KAIST) National Research Foundation of Korea (NRF) Institute for Basic Science (IBS) Rachel Carson Center for Environment and Society

Daejeon Metropolitan City Daejeon Tourism Organization Daejeon Museum of Art

Korean History of Science Society Chungnam National University PNU SSK Living with Slow Disaster Research Network Ewha Institute for the Humanities, Ewha Womans University Graduate School of Science and Technology Policy (STP), KAIST



The Seventh Biennial Conference of East Asian Environmental History

EAEH 2023



12:00~15:00	Registration (In the Lobby on the 5th Floor)		Special Exhibit (at John Hannah Hall)	
[]		\ A /l	Demodus	
15:00~15:20			Remarks Conference Hall)	
15:20~15:50	Opening session	"Framing the Future:	D1-S1] Keynote speech 1 The Environment, Climate Change, and the ene in Asia" (Julia Adeney Thomas)	
15:50~16:20	(Chung Kunmo Conference Hall)		D1-S2] Keynote speech 2 or the Stratigraphic Anthropocene" (Simon Turner)	
16:20~17:50			Roundtable Conference Hall)	
17:50~18:00	Break (move from E9 building to E5 building)			
18:00~			vitation only) , E5 building)	

28 June (Wednesday) @ E9 building & E4 building, KAIST

8:30~		Registration						
9:00		(In the Lobby on the 2nd Floor)						
9:00~ 11:00	[ED2-02] Disaster Track Nuclear Memo the Body and t Environment	ory in Environ	ment and l	[ED2-05] Environment and Art (1)	[ED2-06] Human and in Premode Asia			07] rs of Energy tion in East
	S221-A		6305	S304	\$30	3		S302
11:00~ 11:15		·		Break			·	
11:15~ 12:00		"Death, Life,		2-S1] Special le in the Pandemic (Auditorium)		riel Know	/les)	
12:00~ 13:30				Lunch				
13:30~ 15:30	[ED2-08] An Environmental History of the Asian Monsoon: Linking Climate Change Science and Climate Adaptation Science (1)	[ED2-09] Disaster Track (2): Disaster Science, Investigation, and Memory	[ED2-10] Trans-Asian Sciences, Environmental Interventions, and the Diplomatic Roles in Postwar Japan and Korea	(2)	[ED2-12] Environment and Art (2)	[ED2-13] Anthropo Estuaries Deltas (1)	ocene and	[ED2-14] Rethinking Human and Nature
	S221	S221-A	S306	S305	S304	S30)3	S302
15:30~ 15:50				Break				
15:50~	[ED2-15] An Environmental History of the Asian Monsoon: Linking Climate Change	[ED2-16] Disaster Track (3): Disastrous Futures in Uncertain Environments	[ED2-17] National Development, Transnational Environment: Environmental History of the Cold War in the Two	[ED2-18] Development and Environment (3)	[ED2-19] Pollution and Rehabilitation	[ED2-20] Anthropo Estuaries Deltas (2)	ocene and	[ED2-21] Environment and Disease
17:50	Science and Climate Adaptation Science (2)		Koreas					

29 June (Thursday) @ Science Culture Center, IBS

8:30~		Registration						
9:00		(In the Lobby on the 2nd Floor)						
	[ED3-01]	[ED3-02		[ED3-03]		[ED3-0		[ED3-07]
	Anthropocene		nent and	Korean M			pproaches to	Rethinking
9:00~	Commons		alization in	Environm			nmental	Hydraulic Societies
11:00		Asia (1):	Japan	History, 1	960s-	History	/	
11.00				1990s				
	S221	S2	21-A	S3	806		S303	S302
11:00~								
11:15				Bre	eak			
11.15			[ED3-S1] S	pecial lec	cture		
11:15~		"Geoanthi	ropology: Sc	ience for t	he Anthro	opocene"	(Jürgen Renn))
12:00				(Audit	orium)			
12:00~				Lu	nch			
13:30								
	[ED3-08]	[ED3-09]	[ED3-10]	[ED3-1	1] [[ED3-12]	[ED3-13]	[ED3-14]
	Global	Environment	Human-	Imperia		Variegated	Human and	
	Perspectives to the	and Industrializati	Nature Interactions	in the Ter		State-Natur Relationshij		Anthropocene East Asia: (Post)Colonial
13:30~	Anthropocene	on in Asia (2):	Public Policy			in East-Asia		River Engineering
15:30~		Southeast Asia	Korean and	Japan:				and its Multiple
15.50			Japanese	Foreste				Impacts
			Experiences the	in Science Manage				
			Anthropocer					
	S221	S221-A	S306	S3	05	S304	S303	S302
45.00								
15:30~				Bre	eak			
15:50								
	[ED3-15]	[ED3-16]	[ED3-	05] &	[ED3-19	9]	[ED3-20]	[ED3-21]
	Roundtable:	Environment	-		Relation		Human and	The Water in
	Anthropocene	and		on and	between		Wildlife	Northwest China
15:50~	Commons	Industrializat		in East	Scientif	ic and		
17:50~	Pedagogies	in Asia (3): So Asia		onment;	Public Awaren	ess of		
17.50		11314		in and	Environ			
			Forest		Linviron			

30 June (Friday) @ Science Culture Center, IBS

S221

S221-A

S305

S304

S303

S302

1	July (Saturday)	@	Science	Culture	Center, IBS	
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8:30~			Registration			
9:00		(In th	ne Lobby on the 2nd	Floor)		
		-				
9:00~ 11:00	[ED4-01] Theoretical Discussion and Empirical Study on Environmental History of the Northeast China (1)	[ED4-02] Environmental Challenges in China and Korea, Past and Present	[ED4-03] The Human- Environment- Climate Nexus: Exploring Disaster Responses and Water Related Hazards in East and Southeast Asia	[ED4-04] Environment in the Making	[ED4-05] Politics, Cold War and Environment in East Asia	
	S221	S221-A	S306	S305	S304	
11:00~ 11:15			Break			
11:15~ 12:00	[ED4-S1] Special lecture "Modelling Climate Change Effects on Human Evolution" (Axel Timmermann) (Auditorium)					
12:00~ 13:30			Lunch			
13:30~ 15:10	[ED4-06] Theoretical Discussion and Empirical Study on Environmental History of the Northeast China (2)	[ED4-07] Kichi (機智), Resourceful Eco- Techne with Material	[ED4-08] Towards a Planetary History and Planetary Humanities	[ED4-09] Conflicts, Epidemics, and Climate Crisis: An Environmental History in Comparative Perspectives	[ED4-10] The Politics of Sustainability: Elemental Media and Contemporary Art in East Asia and Beyond	
	S221	S221-A	S306	S305	S304	
15:10~ 15:30			Break			
15:30~ 16:00	[ED4-S2] Keynote speech 3 "Asian Diversity, Asian Boundaries: Living Spaces within Asian Monsoon" (Satoshi Murayama) (Auditorium)					
16:00~ 17:20	[ED4-S3] Special Roundtable: A roundtable for the "Asian" Association for Environmental History: A new mission for the field of environmental history around the world (Auditorium)					
17:20~ 17:50		[ED4-S4] Gene	eral assembly and Clo (Auditorium)	osing ceremony		
18:00~		В	anquet (invitation onl (Hanbit Tower)	y)		

2 July (Sunday)

10:00 12:00	Organizing committee meeting
L	

- End of the conference -

The Local Preparatory Committee

Chair (President of AEAEH)

Buhm Soon Park 朴範淳 (Korea Advanced Institute of Science and Technology)

Co-chair (Vice President of AEAEH)

Manyong Moon 文晩龍 (Korean Research Institute of Science, Technology and Civilization, Jeonbuk National University)

Committee Members (alphabetical order by last name)

Myung-Ae Choi 崔明愛 (Department of Cultural Anthropology, Yonsei University) Deokhwa Hong 洪德和 (Department of Sociology, Chungbuk National University) Jaehwan Hyun 玄在煥 (Institute of Liberal Education, Pusan National Unversity) June Jeon 全準 (Department of Sociology, Chungnam National University) Sekwon Jeong 鄭世權 (The HK+ Institute for Integrated Medical Humanities, Kyung Hee University) Yeonsil Kang 姜妍實 (National Science Museum of Korea) Dokyun Kim 金鍍均 (Korea Environment Institute) Soo Hyun Kim 金秀賢 (Center for Anthropocene Studies, KAIST) Tae-Ho Kim 金兌豪 (Korean Research Institute of Science, Technology and Civilization, Jeonbuk National University) Yongjin Kim 金容振 (Center for Anthropocene Studies, KAIST) Hyunsook Lee 李賢淑 (Institute for Ecological and Environmental History) Jongmin Lee 李鍾珉 (Science and Technology Management Policy, University of Science and Technology) Jung Lee 李貞 (Ewha Institute for the Humanities, Ewha Womans University) Jongtae Lim 林宗台 (Department of Science Studies, Seoul National University) Eunjeong Oh 吳殷政 (Department of Anthropology, Seoul National University) Seona Park 朴璿娥 (Center for Anthropocene Studies, KAIST) Hanah Sung 成瀚雅 (Center for Anthropocene Studies, KAIST) Chuyoung Won 元柱榮 (Catholic University of Korea)

Doogab Yi 李斗甲 (Department of Science Studies, Seoul National University)

DAY 1

Wednesday, June 28

Chung Kunmo Conference Hall, E9, KAIST

[Welcome address] Buhm Soon Park

President. Association for East Asian Environmental History, KAIST

[Congratulatory remarks] Myung Ja Kim

Chairperson, Board of Trustees, KAIST

Place: Chung Kunmo Conference Hall Time: 15:00-15:20

ED1-S1	[Opening session] Keynote speech 1: Julia Adeney Thomas				
	University of Notre Dame				
	"Framing the Future: The Environment, Climate Change, and the				
	Anthropocene in Asia"				
Place: Chung Kur	nmo Conference Hall				
Time: 15:20-15:50)				

Moderator: June Jeon, Chungnam National University

ED1-S2	[Opening session]
	Keynote speech 2: Simon Turner
	University College London
	"A Golden Spike for the Stratigraphic Anthropocene"
Place: Chung Kun	imo Conference Hall
Time: 15:50-16:20	

Moderator: June Jeon, Chungnam National University

ED1-S3 Roundtable

Place: Chung Kunmo Conference Hall Time: 16:20-17:50

Chair: Buhm Soon Park, *KAIST*

Fa-ti Fan, SUNY Binghamton

Jürgen Renn, Max Planck Institute of Geoanthropology (*participating online)

Scott Gabriel Knowles, *KAIST*

DAY 2 Thursday, June 29 Science Culture Center, IBS

[Special lecture] Scott Gabriel Knowles
KAIST
"Death, Life, and Longing in the Pandemicene"

ED2-02	Disaster Track (1): Nuclear Memory in the Body and the Environment
Place: S221-A Time: 9:00-11:0	0
Chair: Jaehwan Hyun	Commentator: Ryuma Shineha
Pusan National University	Osaka University
Robert Jacobs	The Global Hibakusha during the Cold War
Hiroshima Peace Institute	
Yuko Takahashi	Layered Hardships for Korean Atomic-Bomb Victims
Hiroshima Jogakuin University	
Yunjeong Joo	Living with Slow Disaster: Memories of Haeneyo, Sea Weeds and Nuclear Plants in
Pusan National University	Gori, Pusan
WooChang Kim	Living in the Nuclear Village: An Exception Space Created by the Clash of
Seoul National University	Developmental Desires

ED2-04	Development and Environment (1)

Place: S305 Time: 9:00-11:00

Chair: Yeonsil Kang	
National Science Museum of Kore	ea
Young Rae Choi	The colonizers, the developmental state, and uneven geography of development:
Florida International University	Reclamation of tidal flats in South Korea, 1900s-1980s
Soonbae Kwon	The Oncheon Stream Restoration Project and the Politics of Natural Restoration in
Pusan National University	Busan during the 1990s and 2000s
MinHwa Yun	A Study on the Application of Citizen Science to the Urban Ecological Corridors
Ewha Womans University	Monitoring Project in Korea
Jane Sung Hae Kim	Life after the 'Living Laboratory.' – A Study of Slow Disaster in Jangjeom Village
Jeonbuk National University	

ED2-05 Environment and Art (1)	
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Place: S304 Time: 9:00-11:00

Chair: Jongmin Lee	
University of Science and Techno	blogy
Masatake Shinohara	The possible making of a realm of coexistence beyond humans in the Anthropocene
Kyoto University	
Jongmin Lee	Remembering Coal and Understanding Korean Hinterlands: Undercover Senses of
University of Science and	History and Environment
Technology	
Soyo Lee	Getting in touch with the heterogeneity of landfilled municipal solid waste in South
Korea National University of Art	s Korea
	2

Place: S303 Time: 9:00-11:00

Chair: Jung Lee	
Ewha Womans University	
Brian Lander	The Historical Ecology of the Yangzi Delta Region: On the Economy of the Wu and
Brown University	Yue Kingdoms
Luo Qilong	Vegetation in early Chinese ancient gardens and its cultural implications
Guizhou University	
Kiebok Yi	Revisiting the Gendered Medical Body in Joseon Korea: An Examination of Medical
Seoul National University	Narratives and Cognitive Practices
Jong-wook Jeon	Perspectives of Korean traditional knowledge on humans, animals, and nature
Jeonbuk National University	

ED2-07 Barriers of energy transition in East Asia

Place: S302 Time: 9:00-11:00

Organizer & Chair: Seona Park KAIST	
Seona Park KAIST	Scaling-up renewable conflicts: From site to history
Jong-min Choi SNU Environmental Planning Institute	A Study on the Changes in the Actor Composition and Policy of the Japanese Nuclear Power Promotion Bureaucrats' Group after the Fukushima Nuclear Disaster
Hye-Jung Shin Seoul National University	'Survival' before Climate and Environment - A qualitative research on Perceptions and Beliefs on Climate and Environment of Participants in the Taegeukgi Rally -
Dasom Lee <i>KAIST</i> Sikke R. Jansma and Le Anh Nguyen Long <i>University of Twente</i>	Understanding energy citizenship: how cultural capital shapes the energy transition.

ED2-08 An Environmental History of the Asian Monsoon: Linking Climate Change Science and Climate Adaptation Science (1)

Place: S221 Time: 13:30-15:30

Chair: Toru Terao	
Kagawa University	
Satoshi Murayama	Pre-modern flood and drought in Kasa County, Kyoto, Japan: Shaking steady state in
Kagawa Univesity	the Asian monsoon
Masahide Ishizuka &	Asian dust characteristics influenced by surface conditions in the northern Gobi
Kagawa Univesity	Desert, Mongolia: natural environmental changes or anthropogenic influences?
Gantsetseg Batdelger	
Information and Research Institute	
of Meteorology Hydrology and	
Environment	
Michihiro Ogawa	Impact of Monsoon Drought on Agrarian Society on the Deccan Plateau in Western
Institute for Advanced Studies on	India during the Great Famine (1876-1878)
Asia, University of Toyo	

ED2-0	9
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Disaster Track (2): Disaster Science, Investigation, and Memory

Place: S221-A Time: 13:30-15:30

Chair: Joelle Champalet <i>KAIST</i>	Discussant: Sarah Senk California State University Maritime Academy
Youngkwan Ban Jeju 4.3 Peace Foundation	Breaking the Long Silence: The Jeju 4.3 Exhumations
Seulgi Lee <i>KAIST</i>	Fragments of a Disaster: The Sewol Ferry Special Investigative Commission
Jinyoung Park Pusan National University	The Korean Humidifier Disinfectant Disaster and the Science: Investigation, Responsibility, and Memory

ED2-10 Trans-Asian Sciences, Environmental Interventions, and the Diplomatic Roles in Postwar Japan and Korea

Place: S306 Time: 13:30-15:30

Organizer: Jaehwan Hyun	Chair & Discussant: Jongmin Lee
Pusan National University	University of Science and Technology
Kaori lida	A Japanese agricultural vision in the 1930s to 1960s, as an alternative to a Eurocentric
Grad. Univ. for Advanced Studies	historical narrative
(SOKENDAI)	
Hidekazu Sensui	Postwar American Attempts to Foster a Vernacular Model of Land Use in East Asia
Kanagawa University	
Jaehwan Hyun	North Korea's bird diplomacy and (Korean) Japanese ornithologists, 1963-1996
Pusan National University	
John P. DiMoia	Rho Chae-Sik, Environmental Science, and Identifying Air Pollution, 1959-early 1970s
Seoul National University	

ED2-11	Development and Environment (2)
Place: S305 Time: 13:30-15:30	

Chair: Jane Sung Hae Kim	
Jeonbuk National University	
Chun-Yi Ho	International aid, developmentalist state, and local technology imitation: The
National Taiwan University	subterranean Anthropocene in Cold War Taiwan (1950-1975)
Juyoung Lee	Agriculture, Fertilizer, and the Industrial Landscapes of Taiwan and South Korea during
Johns Hopkins University	the 1950-60s
Yeonsil Kang	From Thermal Pollution to Future Energy: Local Environment and Reimagining Cold
National Science Museum of	Byproduct of Soyang Multipurpose Dam in South Korea
Korea	
Jungha Hwang	Dam as a Relational Artifact: A Case of Environmental Impact Assessment of the
Seoul National University	Peace Dam

ED2-12	Environment and Art (2)
Place: S304 Time: 13:30-15:30	

Chair: Manyong Moon	
Jeonbuk National University	
Chihchung Chang	The Catastrophic Coastlines Shaped by Others - Relocation, War and Shipwreck
Indepdndent Researcher / Artist	
Young June Lee	Taxonomy of Vessels: its Fluctuation in Relation to the Change in Maritime Industry
Kaywon University of Arts and	and Environment
Design	
Takashi Arai	Two Shores - Seawall Construction after the Great East Japan Earthquake and
Artist, Researcher at Tono	Japan's Border Restrictions during the Pandemic: Some Thoughts from Artist's and
Culture Research Center	International Family's Perspective
Manyong Moon	National Science Museum and Natural History Studies of Seok Ju-myeong
Jeonbuk National University	

Anthropocene Estuaries and Deltas (1)

Place: S303 Time: 13:30-15:30

Organizers: Guan-hong Lee (Inha University) and Yoshiki Saito (Shimane University)

Guan-hong Lee	"Global distribution of altered estuaries"
Inha University	
Yoshiki Saito	Asian deltas/estuaries and the Anthropocene
Shimane University	
Timothy Dellapenna	Habitat alterations and geomorphic response to estuarine dams and land reclamation
Texas A&M University	on the Korean Peninsula
Steven M. Figueroa	How do estuarine dams alter tide, river, and sedimentary processes? Lessons learned
Inha University	from field observations and numerical modeling

ED2-14	Rethinking Human and Nature
Place: S302 Time: 13:30-15:30	

Chair: Tae-Ho Kim	
Jeonbuk National University	,
Alexander Damianos	Formalising the Anthropocene: science, law and geo-forensicality
University of Kent	
Cheong-Ho Yi	Culture is emphasized in the pursuit of sustainability
Korea University	
Taewoo Kim	The Matter and Meaning of Natures in East Asia
Kyung Hee University	
Tatsushi Fujihara	Philosophy of Decomposition: Waste, Art and Ecology
Kyoto University	

ED2-15	An Environmental History of the Asian Monsoon: Linking Climate Change
Viedo Session	Science and Climate Adaptation Science (2)
Place: S221 Time: 15:50-17:50	
Chair: Toru Terao	
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Kagawa University	
Haruhisa Asada	Post flood management and the history of the rice-based agriculture development in
Nara Women's University	Bangladesh
Hideyuki Kamimera	A relation between a river and local residents: A study from the viewpoint of
National Research Institute for Earth	environmental history
Science and Disaster Resilience	
Masahide Ishizuka	Asian dust characteristics influenced by surface conditions in the northern Gobi
Kagawa University	Desert, Mongolia: natural environmental changes or anthropogenic influences?
Gantsetseg Batdelger	
Information and Research Institute	
of Meteorology Hydrology and	
Environment	
A. T. M .Shakhawat Hossain &	The Recent Change of Monsoonal Climate And It's Impact on Environment, Society &
Jahangirnagar University	Sustainability of Ukhiya, Cox's Bazar, Bangladesh-A case Study
Toru Terao	
Kagawa University	

ED2-16	Disaster Track (3): Disastrous Futures in Uncertain Environments	
Place: S221-A Time: 15:50-17:50		
Chair: Hyunah Keum	Discussant: Scott Gabriel Knowles	
KAIST	KAIST	
Vivian Choi	Indian Ocean Science: From a "Vast Unknown" to Slow Disaster	
St. Olaf College		
Hyeonbin Park	The Forest-Thinning Policy Caused Wildfire Disasters?: Forestry in South Korea 1998-	
KAIST	2022	
Eun Kyung Choi	Health-Related Harm and Vulnerability in Slow Disasters (Climate Crises): A	
Kyungpook National University	Conceptual Exploration	

ED2-17	National Development, Transnational Environment: Environmental History of the
	Cold War in the Two Koreas

Place: S306 Time: 15:50-17:50

Organizer and Chair: Robert Winstanley-Chesters		Discussant: Lisa Brady
University of Edinburgh / University of Leeds		Boise State University
Robert Winstanley-Chesters University of Edinburgh / University of Leeds	Securitising Fisheries in Cold	War Environmental Histories of the Sea of Okhotsk
Max Altenhofen University of Tübingen	From Model to Norm? – The	Forest Management Cooperatives in Ulju-gun, 1970-80s
Jaeyoung Ha	Preservation as a Force of D	evelopment: Local, National, and Cold War Dynamics in
UC San Diego	the Making of South Korea's	First National Park
Sulim Kim	Green Utopia House: The Tra	ansnational Entanglements of Housing Development and
University of Hawai'i at Mānoa	Eco-Socialism in Postwar No	rth Korea

ED2-18	Development and Environment (3)
Place: S305 Time: 15:50-17:50	
Chair: Juyoung Lee	

Johns Hopkins University	
Rui Liu, Chih-hung Wang	The Transformation of Large Socio-Technological System with Chinese Features: A
National Taiwan University	Case Study of T Power Plant
Yeseul Park	'Localizing' Energy for Nation?: the Nuclear Fuel Development Project in South Korea,
Seoul National University	1976-1989
Ilana Herold	Grassroots activism meets the sustainability fix: Urban agriculture policymaking and
KAIST	contested governance in South Korea
Michael Wollrath	Sacredness Through Commodification: Attempts to Normalize Invasive Species in The
Martin-Luther-University Halle-	Indonesian Ornamental Fish Trade
Wittenber	

ED2-19	Pollution and Rehabilitation
Diago: \$204 Timo: 15:50 17:50	

Place: S304 Time: 15:50-17:50

Chair: Junho Jung	
Jeonbuk National University	
Kat Austen	Artistic perspectives on transitions in post/extractive landscapes at the rubicon of the
UCL and Studio Austen	post-anthropocene: the case of Lusatia's landscapes
Seulgi Lee	Anthropocene Literacy: From a National Industrial Complex in South Korea
KAIST	
Jingyuan Wu	Tracing the Local Government's Idea of Pollution Problem in Xiangjiang River Basin,
University of Tokyo	China
Conrad Hirano	The Mantetsu-led Anti-Smoke Campaign in 1930s Dalian
Northwestern University	

ED2-20	Anthropocene Estuaries and Deltas (2)
Place: S303 Time: 15:50-17:50	
Roundtable Chair: Guan-hong Lee	
Inha University	
Participants:	Wook-Hyun Nahm (KIGAM)
	Simon Turner (University College London)
	Yoshiki Saito (Shimane University)
	Timothy Dellapenna (Texas A&M University)
	Sreenivasulu Ganugapenta (Inha University)

Place: S302 Time: 15:50-17:50

Organizer & Chair: Hyunsook Lee	
Korean Institue for Ecological & Environmental History	
Hyunsook Lee	The Climate change and Epidemic in the 8th Century of Silla
Korean Institue for Ecological &	
Environmental History	
Miyoung Shin	The introduction and transfer of specialized knowledge in the prevention of Japanese
Jeonbuk National University	encephalitis in Korea in the 1950-60s
Min-Suh Kim	The Cold War and Influenza pandemic in 1960's Hongkong
Yonsei University	
Hyun-Sun Kim	The Little Ice Age and the Epidemics of Hubei Province in late Ming and Early Qing
Myonji University	

DAY 3 Thursday, June 29 Science Culture Center, IBS

ED3-S1	[Special lecture] Jürgen Renn
	Max Planck Institute of Geoanthropology
	"Geoanthropology: Science for the Anthropocene"
Place: Auditorium	
īme: 11:15-12:00	
Noderator: Hanah Sung	
KAIST	

ED3-01	Anthropocene Commons
Place: S221 Time: 9:00-11:00	
Organizers: Katrin Klingan, Ca	rlina Rossée
Angewandte Wien Ba	uhaus Univ. Weimar / HKW
Megan Black	Networks as aggregators of shared spaces
AC Delegate	
John Kim	Conceptual identification of the AC themes: Shared Spaces, Pedagogies of Action,
Macalester College	and Resourceful Research
Sarah Lewison	Harm reduction for the soft Anthropocene
Southern Illinois University	
Carbondale	
Fernando Silva e Silva APPH	Challenges of a Brazilian Anthropocene: education, research, and citizenship

ED3-02	Environment and industrialization in Asia (1): Japan
Place: S221-A Time: 9:00-11:00	

Chair: Tatsushi Fujihara	
Kyoto University	
Akihisa Setoguchi	Modeling Human and Insect Populations: COVID-19, Malaria, and the Ecological
Kyoto University	Approach to Infectious Diseases
Aaron Skabelund	"To Bag Wild Ducks with a Net": Japanese Royal Hunting and the (Re)invention of
Brigham Young University	Tradition
M. William Steele	Japan's Paper Industry in the 1930s: Where Did All the Wood Come From?
International Christian	
University	
Patricia Sippel	How Japan Became a Have-Not Nation: Copper Resources in the Modern Era
Toyo Eiwa University	

ED3-03	Korean Modern Environmental History, 1960s-1990s

Place: S306 Time: 9:00-11:00

Organizer: June Jeon	Chair & Commentator: Yeonsil Kang
Chungnam National University	National Science Museum of Korea
Daehoon Jeong	The construction of Uiam Hydroelectric Power Plant and the problem of land
National Institute of Korean	compensation for submerged area
History	
Chuyoung Won	Development for the Environment: Environmental Crisis and Urban Planning in South
Catholic University of Korea	Korea during the 1970s
June Jeon	Scientization of Nature and the Construction of Environmental Subjects: A Creation of
Chungnam National University	the National Environmental Research Institute of South Korea, 1978-1981
Sanghee Bae	Whose Garbage? Whose Environment?: Building a National System of Municipal
Seoul National University	Waste Management in South Korea, 1990s.

ED3-05	Tension and crisis in East Asian environment
Viedo Session	
Place: S305 Time: 15:50-17:5	50
Chair: Teamin Woo	
KAIST	
Tae-woo Ko	The Darkness of the Great Acceleration: Did the History of Korea Advance in the 20th
Seoul National University	Century?
Bulkhia U. Panalondong	A Survey of Environmental Social Movements in Democratic East Asia: An Historical
Central Mindanao University	Perspective
Central Minaanao University	Perspective

ED3-06	New approaches to environmental history
Place: S303 Time: 9:00-11:00	
Chair: Federico Paolini	

Università di Macerata	
Hrvoje Petric	Changes in Natural System of the Brijuni/Brioni Islands (Adriatic Sea, Northern
University of Zagreb	Mediterranean)
Ishizuka Masahide	Characteristics of Precipitation Distribution and River Flood Using Historical
Kagawa University	Precipitation Datasets: A Study for the Northern Kyoto Region, Japan
Thomas Hahn	Mother Russia's forests and China's recent anti-desertification campaigns
UC Berkeley	

ED3-07	Rethinking Hydraulic Societies
Place: S302 Time: 9:00-11:0	0
Chair: Shinobu Iguro	Discussant: Ya-wen Ku
Otani University	Institute of Taiwan History
Wakako Kumakura	Oriental Despotism or Bottom-up Approach? A Discussion on the Irrigation
Tokyo University of Foreign	Maintenance System of the Nile in Ottoman Egypt
Studies	
Michihiro Ogawa	A Study of the Local Governance of Water Transportation on the Deccan Plateau in
University of Tokyo	Western India from the Late Eighteenth to the Early Nineteenth Century
Shinobu Iguro	Boundary Perceptions of Wells and Ponds as Sources of Water for Domestic Use in
Otani University	Rural Communities in Northern China from the eighteenth to the twentieth Centuries

ED3-08	Global Perspectives to the Anthropocene

Place: S221 Time: 13:30-15:30

Chair: Myung-Ae Choi	
Yonsei University	
Joseph Underhill	Planetary Explorations of Anthropocene River Futurities: Fluvial Networks of Creative
Augsburg University	Resistance
Jamie Allen	The impossibility of a planet
Critical Media Lab	
Jeremy Bolen	
Georgia State University	
Lucio De Capitani	Snapshots of a global/Italian Anthropocene: strategies of representation in Amitav
Ca' Foscari University of Venice	Ghosh and Wu Ming 1
Hugo Ricardo Noronha de	Comic book "persons of mass destruction" and the reimagining of humankind in the
Almeida	Anthropocene
NOVA University of Lisbon	
Ana Matilde Sousa	The Floating Dakimakura: notes on a found photography
CIEBA – Artistic Studies Research	
Center & University of Lisbon	

Place: S221-A Time: 13:30-15:30

Chair: Juyoung Lee	
Johns Hopkins University	
Maya Dania	Damming of Mekong Rivers in the Age of the Anthropocene: Feral Frontier in Northern
Chiang Mai University	Thailand from an Ecofeminism Perspective
Endira F. Julianda (et al.)	Mangrove Aesthetics from the Inside: Time Traveling in and against the Landscape
Floating Tech-Lab	Change
Novita Anggraini	Spectral Storytelling
Floating Tech-Lab	
Kamil Muhammad	Passages that Tell the Time: Mapping the Anthropogenic Markers of Muaragembong
Floating Tech-Lab	Estuary

ED3-10	Human-Nature Interactions in Public Policy: Korean and Japanese Experiences
	in the Anthropocene

Place: S306 Time: 13:30-15:30

Organizer & Chair & Discussa	ant: Jongmin Lee (University of Science and Technology), Hiroki Oikawa (Yokohama National
University)	
Yongjoo Han	The Landscape Entanglement of Development and Preservation: The
Seoul National University	Case of Nodeul Island in the Han River
Tatsuya Miyazoe, Kiyoka	Community Cat Activities in Japan: A Cognitive Reform Leading to
Kondo, Hiroki Oikawa	Change in Human-Nature Relationship
Yokohama National University	
Hanah Sung	Politics of Rice Paddy Knowledge: Survey Sciences and Human-Land
KAIST	Relations in Cheonsu Bay
Daichi Kato, Kiyoka Kondo,	Ecosystem Services in the Anthropocene: What Should We Add to the
Hiroki Oikawa	MA (Millennium Ecosystem Assessment) Diagram?
Yokohama National University	

ED3-11	Imperial Forestry in the Territorial Expansion of Japan: Foresters, Science, and
	Management

Place: S305 Time: 13:30-15:30

Chair: Koji Nakashima	Discussant: Shoko Mizuno
Kanazawa University	Komazawa University
Taro Takemoto	Quantitative aspects of forest management and timber trade in the Japanese Empire
Tokyo University of Agriculture	
and Technology	
Taisaku Komeie	Between the exclusion and promotion of swidden agriculture in imperial Japan: How
Kyoto University	did scientific foresters rediscover indigenous agroforestry?
Taisho Nakayama	Settler Colonialism of Foresters in Karafuto, a Subarctic Territory of the Japanese
Kushiro Public University of	Empire
Economics	
Koji Nakashima	Formation and development of tropical forestry in modern Japan
Kanazawa University	

ED3-12	Variegated State-Natur	re Relationships in East-Asia
Place: S304 Time: 13:30-15	5:30	
Organizer: Junsoo Kim KAIST	Chair: Sanghun Lee Hanshin University	Discussant: Chulhyun Park, Junsoo Kim, Seulgi Lee Kookmin University KAIST
Jihye Yang Northeast Asian History Foundation	The Intertwined Politics 1970s	of 'Development' and the 'Environment' in Korea during the
Jihoon Park Chung-Ang University Jin-Tae Hwang Korea Institute for National Unification	Putting the more-than-h	uman state in its place
Sungeun Kim KAIST	Bridging Over the Troub Asian Oceanography, 1	led Waters: Geopolitics of Transnational Cooperation in East 985-2005

ED3-13	Human and Nonhuman Animals
Place: S303 Time: 13:30-15:30)
Chair: Tae-Ho Kim	
Jeonbuk National University	
Hao Zheng	The Big Cat in the Western Regions: A Restudy of the Species and Extinction Causes
Minzu University / UC Berkeley	of Xinjiang Tiger in Historical Era
Jeong Eun Lim	Big Cats in Korea: A journey through time and culture
National Institute of Ecology	
Pei Xiaoshan	Elegy for Elephants: The end of the imperial elephant performances and the change of
Nankai University	the human-elephant relationship in the late Qing Dynasty
Misung Kim	Increase in Exports of Otter Skin and Its Ecological Environmental Consequences in
Yonsei University	the Joseon Dynasty

ED3-14 Water Control in Anthropocene East Asia: (Post)Colonial River Engineering and its Multiple Impacts

Place: S302 Time: 13:30-15:30

Chair & Discussant: Eric Dinm	nore
Hampden-Sydney College	
Lisa Yoshikawa	Witnessing an Ecological Debacle: Sun Moon Lake Hydroelectric Plant and Colonial
Hobart and William Smith	Environmental Management
Colleges	
Miwa Shimada	The Yongding River Water Conservancy Projects in the Republic of China
Keio University	
Ya-wen Ku	Reshaping the Landscape: The Construction and Impact of the Shihmen Reservoir
Academia Sinica	
Seohyun Park	The Inundated City: Dam-Fetishism and the Failure of Flood Control in Seoul during
National University of Singapore	the 1960s and Thereafter

Roundtable: Anthropocene Commons Pedagogies

Place: S221 Time: 15:50-17:50

Chair & Introductory Presentat	tions:
Carlina Rossée, Fernando Silv	va è Silva
Participants:	Lucio De Capitani (Ca' Foscari University of Venice)
	Ana Matilde Sousa (CIEBA – Artistic Studies Research Center & University of Lisbon)
	Hugo Almeida (NOVA University of Lisbon)
	Sarah Lewison (Southern Illinois University Carbondale)
	Joseph Underhill (Augsburg University)
	Jeremy Bolen (Georgia State University)
	Jamie Allen (Critical Media Lab)
	John Kim (Macalester College)
	Megan Black (AC / HKW)
	Georg Schäfer (Max Planck Institute for the History of Science)
	Simon Turner (University College London)

ED3-16	Environment and Industrialization in Asia (3): South Asia

Place: S221-A Time: 15:50-17:50

Chair: Chuyoung Won	
Catholic University of Korea	
Ru-Yu Lin	The Shaping of Crisis for Developing Home in the Eastern Himalayas
University of Sussex	
Jahnavi Phalkey	Anthropocene's Carbon
Science Gallery Bengaluru	
Sanjeeb Kumar Das	Floristic dynamics and Vegetational analysis of plant community in temple city
Regional Institute of Education	Bhubaneswar
(NCERT)	
Juanjuan Peng	State, business, and the local environment: the history of a post-1949 paper mill in
Georgia Southern University	China

ED3-18	Human and Forest
Viedo Session	I.
Place: S305 Time: 15:50-17:50	
Chair: Koji Nakashima	Venue Chair: Teamin Woo
Kanazawa University	KAIST
Wu Qifang	Forests and Frontiers: A Study of Forestry Rights in the Yalu River Basin on the Eve of
Northeast Normal University	the Russo-Japanese War.
Baisakhi Bandyopadhyay	Sustainable forest management: Biodiversity conservation by sacred groves, sacred
The Asiatic Society Kolkata India	landscape & sacred plant species & Traditional Ecological knowledge in India

	ED3-19	Relationship between Scientific and Public Awareness of Environment

Place: S304 Time: 15:50-17:50

Organizer: Michael Shiyung Liu (University of Pittsburgh)	
Chair and Discussant: Federico Paolini (Università di Macerata) & Michael Shiyung Liu (University of Pittsburgh)	
Federico Paolini	Science, technology and politics: the birth of an ecological
Università di Macerata	awareness in Italy
ChiaHsing Ho (James Hou)	Technology, Territoriality and environment development of
National Chung Hsing University	mountain agriculture in Taiwan, 1960's-1980's
Wan-Chun Cheng	The Invisible Crisis: Electromagnetic Hypersensitivity (EHS) of
Max-Planck-Gesellschaft (MPG)	public health perspective
Michael Shiyung Liu	Knowing "nature" in late 19th century East Asia
University of Pittsburgh	

ED3-20	
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Human and Wildlife

Place: S303 Time: 15:50-17:50

Chair: Soo Hyun Kim KAIST	
Tae-Ho Kim Jeonbuk National University	"Little Cattle with Wings": Industrialization of Farming and Cooking of Ducks in Modern South Korea
Hsin-Hua Chiang University of Tokyo	Struggles in a shell: socio-ecological transformation of freshwater pearl cultivation in Lake Biwa, Japan
Muzayin Nazaruddin <i>Universitas Islam Indonesia</i> Riin Magnus	The post-disaster transformation of interspecies dependencies: From talkative buffalo to desemiotised cows on the slope of Mt. Merapi, Indonesia
University of Tartu Sang-ho Ro Ewha Womans University	Born-in-America in the Kingdom of Plants: Tobacco and the Psychoactive Revolution in Early Modern Korea

ED3-21	The Water in Northwest China	
Place: S302 Time: 15:50-17:50		
Chair: Jung Lee	Chair: Jung Lee	
Ewha Womans University		
Pan Wei	The "Marginal Population" in the absence of the State: A study on the problem of	
Yunnan University	"moving-hills households" in Mingin, Gansu Province from 1900 to 1950	
Wu Yi-qun	Case study on water conservancy dispute and administrative district adjustment of	
Xinjiang University	Tianshan South Road in late Qing Dynasty	
Chen Zhiwei, Zhang Jingping	The Wrtting of Landscape in Hexi Corridor from the Perspective of the Aggregation	
Lanzhou University	Reclamation: Mainly Based on the Period of Qing Dynasty	
Wang Ruixue	Water landscape construction of Jiuquan Oasis from Qing Dynasty to Republic of	
Yunnan University	China period	

ED4-S1	[Special lecture] Axel Timmermann
	IBS / Pusan National University
	"Modelling Climate Change Effects on Human Evolution"
Place: Auditorium	
Time: 11:15-12:00	
Moderator: Soo Hyun Kim	
KAIST	
ED4-S2	[Keynote speech 3] Satoshi Murayama
	Kagawa University
	"Asian Diversity, Asian Boundaries: Living Spaces within Asian
	Monsoon"
Place: Auditorium	
Time: 15:30-16:00	
Moderator: Jongmin Lee	

University of Science and Technology

ED4-S3	[Special Roundtable] A roundtable for the "Asian" Association for Environmental History: A new mission for the field of environmental history around the world
Place: Auditorium	·
Time: 16:00-17:20	
	ung Liu (University of Pittsburgh)

Moderator: Michael Shiyung Liu (University of Pittsburgh) Shen Hou (Peking University) (*participating online) Jenia Mukherjee (Indian Institute of Technology Kharagpur) Julia Adeney Thomas (University of Notre Dame) Buhm Soon Park (KAIST)

Donald Worster (Honorary Director of the Center for Ecological History at Renmin University of China, Kansas University) (*participating online)

ED4-01	Theoretical Discussion and Empirical Study on Environmental History of the
	Northeast China (1)

Place: S221 Time: 9:00-11:00

Chair: Teng Haijian	Discussant: Fan Lijun
Liaoning University	Jilin Normal University
Teng Haijian	Nature and Frontier The Dimension and Paradigm of the Study of Environmental
Liaoning University	History in Northeast China
Fan Lijun	Environment, Immigration and Diet:
Jilin Normal University	The changes of Dietetic Culture in Northeast China in Modern Times
Li Yujun & Guo Xin	A Discussion on the Influence of Climate, Landform and Other
Liaoning Normal University	Environmental Factors in the War of the Jin Dynasty

ED4-02	Environmental Challenges in China and Korea, Past and Present
Place: \$221 A Time: 0:00 11:00	

Place: S221-A Time: 9:00-11:00

Chair: Jaehwan Hyun	
Pusan National University	
Aaron Molnar	A Climate of Crisis: The Confluence of Mongol Imperialism and Climate Transition in
University of British Columbia	Late Goryeo (1258-1392)
Yu-Chien Jen	The Eruption of Mount Tambora and The Agricultural Production in Taiwan and China
University of Carlos III	from 1815 to 1815: Perspectives from Adaptation Measures
Yu-Cheng Shih	Reeds, Snails, and Parasites: Bilharzia Disease and Riverine Ecology in China's Lower
Brown University	Yangzi Delta during the Nineteenth and Twentieth Centuries
Limin Wang	Sanitation, Disease and Drinking Water in Kashgar City from the Late Qing Dynasty to
ShaanXi Normal University	the Early Republic of China Period

	The Human-Environment-Climate Nexus: Exploring Disaster Responses and Water Related Hazards in East and Southeast Asia
Disease 0000 Times 0.00 44.00	

Place: S306 Time: 9:00-11:00

Organizer &	Chair:	Fiona	Williamson

organizor a orian. Fioria	Windhoon
Singapore Management Uni	iversity
Fiona Williamson	Sanitation, Disease and Drinking Water in Kashgar City from the Late Qing Dynasty to
Singapore Management	the Early Republic of China Period
University	
Atsushi Ota	Rainfall and agriculture in Java in the 1900s
Keio University	
James F. Warren	A tale of three storm surges, and, three towns, under three flags
Murdoch University	

ED4-04	Environment in the Making	
Place: S305 Time: 9:00-11:00		
Chair: Setoguchi Akihisa		

Kyoto University	
Duskin Drum	Dialectics of Future Forest Cities in East Asia
New York University	
Halla Jeeae Ko	Multispecies Storytelling in Restoration and Consevation of Jeju Hanon Crater
Ewha Womans University	
Bingru Yue	"Overcome the Wetlands and Educate the Youth": State Farm Construction and the Sent
Queen's University	Down Youth Movement from the 1960s to the 1970s

Place: S304 Time: 9:00-11:00

Chair: Donghyun Woo	
KAIST	
Kaihei Koshio	Soilless agriculture and War, focusing on the role of hydroponic farms in Japan as
Tokyo University of Agriculture	supply bases for Korean War
Junho Jung	Making of "Pristine Vegetables" : Construction and Shifting Concepts of Environmental
Jeonbuk National University	Contaminants in Korea, 1960~1990s
Kyoung Shin	Environmental Civil Society Organizations and the State in China: Institutional Analysis
National Tsing Hua University	of the Dynamics, 1980s-2010s
Joseph Seeley	Remaking North Korea Nature at the West Sea Barrage
University of Virginia	

EF4-06	Theoretical Discussion and Empirical Study on Environmental History of the
	Northeast China (2)

Place: S221 Time: 13:30-15:10

Chair: Teng Haijian	Discussant: Fan Lijun
	Jilin Normal University
Tan Yuxiu	Flood in Northeast China in Modern Times and its Countermeasures
Northeast Normal University	under the Evolution of Regional Environment
Wan wenjie	The Statute and Ordinance and Environment: The interaction between
Liaoning University	Qing Dynasty rulers and environment before the Qing entered the pass in 1644 from "The
	Statute and Ordinance in Manchu Archives of Shengjing
Lei Zhang	Feeding Revolution: The Enterprise of Corn in North China, 1938-1950
Lingnan University	

ED4-07	Kichi (機智), Resourceful Eco-Techne with Material
Place: S221-A Time: 13:30-	15:10
Organizer: Jung Lee	Chair: Hanah Sung
Ewha Womans University	KAIST
Yeon-Kyoung Lim Ewha Womans University	Disconnected Network: A Human-Nature Assemblage Reformatted through the Techno- natural Disaster Narratives of Undersea Cable in South Korea from the 1990s to the 2000s
Ae-Ryung Kim Ewha Womans University	"Was that Mountain Really There?" Posthuman Ecological Approach to History of Nanjido Landfill
Jung Lee Ewha Womans University	Crossing Boundaries with Tak trees: Transmission of eco-techne by moving with material

ED4-08	Towards a Planetary History and Planetary Humanities
Viedo Session	·
Place: S221-A Time: 13:30-1	5:10
Chair: Ranjan Chakrabarti	
Netaji Subhas Open University	
Mili Ghose	Martin Heidegger and the Creation of 'Earth' as a philosophic category
Independent Researcher	
Aryama Ghosh	Expanding the Frontier of Temporality: A Conversation between Historical and Planetary
Jadavpur University	Times
Sekhar Mahapatra	From Environmental Humanities to Planetary Humanities
Jadavpur University	

ED4-09 Conflicts, epidemics, and climate crisis: an environmental history in comparative perspectives

Place: S305 Time: 13:30-15:10

Organizer: Satoshi Murayam	a
Kagawa University	
Chair & Discussant: Michael	Shiyung Liu
University of Pittsburgh	
Satoshi Murayama	The Earth System as an agent of humanity: perspectives derived from a comparative
Kagawa University	study on environmentally local economies
Masahide Ishizuka,	Characteristics of Precipitation Distribution and River Flood Using Historical Precipitation
Toru Terao, and	Datasets: A Study for the Northern Kyoto Region, Japan
Satoshi Murayama	
Kagawa University	
Josef Grulich and	Soldiers, Epidemics and bohemian rural enviroment in the 18th and 19th century
Václav Černý	
University of South Bohemia	

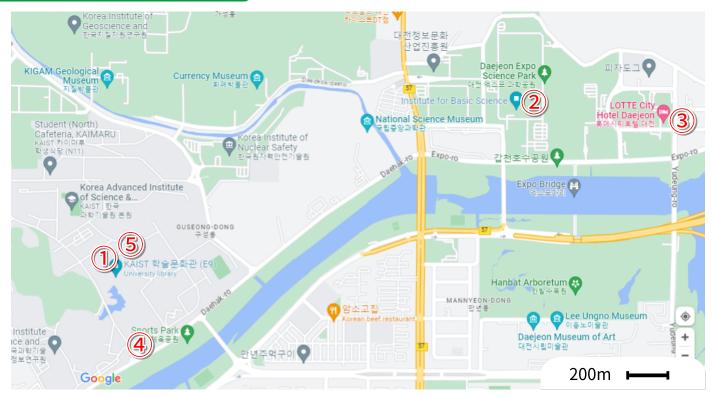
ED04-10	The Politics of Sustainability: Elemental Media and Contemporary Art in East Asia
	and Beyond

Place: S304 Time: 13:30-15:10

Chair: Bookyoung Son	Discussant: Juhyun Cho
Binghamton University	Yonsei University
Eunha Chang	Invasive Species, Colonialism, and Artistic Practice
Independent Curator	
Pei-chun Viola Hsieh	The Aesthetics of Air and Tactile Politics in Wang Te-yu's Inflatable Art, circa 1996
Binghamton University	
Bookyung Son	A Restoration of the Oldest Media in the Works of Lee Seung-taek, Kim Ku-lim, Park
Binghamton University	Hyun-ki

General Information

EAEH Map in Daejeon



Map Points

(1) KAIST E9 Building 291 Daehak-ro, Yuseong-gu, Daejeon

2)

Institute for Basic Science 55 Expo-ro, Yuseong-gu, Daejeon (3) LOTTE City Hotel Daejeon 33 Expo-ro 123beon-gil, Yuseong-gu, Daejeon KAIST Enterance
KAIST Faculty Club (E5 Building)

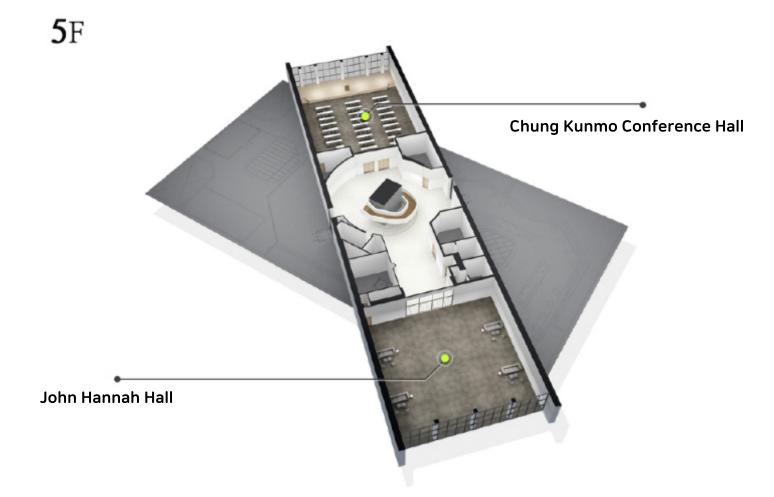
How to find E9 building in KAIST



How the buildings look like



E9 Building, 5th Floor



Science Culture Center of IBS, 2nd Floor



Science Culture Center of IBS, 3rd Floor

