

12th Biennial Emery Conference ~ Schedule

Time	Paper No.	Presenter	Affiliation	Country	Virtual/ In-person	Title of Presentation
EST Wednesday 15 January						
18:00	Early Registration @ Phelps Lab- Center for wetlands/ Center for Environmental Policy (across the street from the Reitz Union Bldg.					
EST Thursday 16 January						
7:00	Registration Reitz Union - The Chamber (Rm G305)					
8:00	1	John McLachlan-Karr <Jmckarr27@gmail.com>	Ifcom Consulting	Indonesia	Virtual	Energy Evaluations of Ecosystem Services in an Indonesian Coral Reef
8:20	2	Ying-Chieh Lee <yingchieh@nchu.edu.tw>	Program in Landscape and Recreation, National Chung Hsing University	Taiwan	Virtual	An emery approach for assessing the co-benefits of preserving farmland as a strategy for climate change adaptation
8:40	3	Hsiu-Wan TSAI <hsiuwan0306@gmail.com>	Graduate Institute of Urban Planning, National Taipei University	Taiwan	Virtual	Emery evaluation of multi-cropping: Afterthoughts and prospects
9:00	4	Dennis Collins <d_collins_pr@hotmail.com>	UPR-Mayaguez	Puerto Rica	Virtual	Some attempts to advance emery research
9:20	Break					
9:50	5	Murray Patterson <m.g.patterson@massey.ac.nz>	School the People, Environment Planning, Massey University	New Zealand	In-person	Convergence of Valuation Paradigms? EcoCalculator Software to Determine Odum Transformities and Sraffa Prices in Coupled Economy and Environment Systems
10:10	6	Sandeep Kumar <sandeepkumar200393@gmail.com>	Indian Institute of Technology Delhi	India	In-person	Redefining notion of primary and alternative energy resources for rural areas using emery perspective
10:30	7	Richard Morris <richard.morris@lincoln.ac.nz>	Faculty of Agriculture and Life Sciences, Lincoln University, Lincoln, New Zealand	New Zealand	In-person	ESMAX – a model for designing landscapes to maximize empower through ecosystem services
10:50	8	Frano Barbir <fbarbir@fesb.hr>	University of Split	Croatia	In-person	Use of emery instead of money in comparing future energy options
11:10	9	Natalia A. Cano Londoño <nacanol@unal.edu.c>	University of Twente	Países Bajos	In-person	Comparing the environmental sustainability of two gold production methods using integrated Emery and Life Cycle Assessment (EM-LCA)
11:30	10	Christine Chang <110527101@gms.tcu.edu.tw>	Tzu Chi University	Taiwan	In-person	Can high-tech revolution deliver a sustainable future? - A case study to compare battery electric vehicles (BEVs) vs. internal combustion vehicles (ICEVs) using Emery analysis (EMA)
11:50	Lunch					
12:50	11	Ijachi Ochoche <ijachi.ochoche@stu.cu.edu.ng>	Covenant University	Nigeria	In-person	"From Niche to Norm: Strategies for Mainstreaming Emery Accounting.
13:10	12	Patrizia Ghisellini <patrizia.ghisellini@uniparthen>	University of Naples "Parthenope"	Italy	In-person	Assessing the implementation of circular economy in the construction and demolition sector by means of emery accounting indicators
13:30	13	Enrique Ortega Rodriguez <ortegaunicamp@gmail.com>	University of Campinas	Brasil	In-person	Social needs and desires modeled research over History. What is required now?
13:50	14	Simone Bastianoni <bastianoni@unisi.it>	Ecodynamics Group - University of Siena	Italy	In-person	Human vs. humanity metabolism: diabetes, climate crisis, food and emery
14:10	15	Paolo Vassallo <paolo.vassallo@unige.it>	University of Genoa	Italy	In-person	An emery informed spatial decision support system for sustainable planning
14:30	16	Mariana Oliveira <mari.oliveira@gmail.com>	University of São Paulo	Brazil/Italy	In-person	Building Resilience: The Role of Emery Analysis in Developing Tools for Sustainable Food Systems in Brazil
14:50	Break					
Poster Session - Chamber						
15:10	17	Fernando Berrios <fberrios@ucm.cl>	Universidad Católica del Maule	Chile.	In-person	Long-term changes in fishery sustainability in a Management Exploited Area for Benthic Resources (MEABRs) of a population of the surf clams <i>Mesodema donacium</i> located in central Chile: An emery approach
15:30	18	Hannah O'Connor <hoconnor@umd.edu>	University of Maryland,	USA	In-person	Simulating community sentiment for large-scale data center development using generative AI personas

15:50	19	suhyun lee <suhyunlee@snu.ac.kr>	Seoul National University	Korea	In-person	AI-Driven Strategies to Predict Wildfire Suppression Difficulty and Mitigate Mega-Fire Spread
16:10	20	Yooan Kim <tinguyo@snu.ac.kr>	Seoul National University	Korea	In-person	Emergy Insights for Sustainable Strategies on Tourism-Driven Islands
16:30	21	Nida Rabab <nidarabab@sjtu.edu.cn>	Shanghai Jiao Tong University	China	In-person	Environmental impact assessment of iron production in Pakistan using emergy analysis
18:00 Conference Banquet - New Deal Café - 3443 W University Ave, Gainesville, FL 32607						
EST Friday 17 January ~ Reitz Union - The Chamber (Rm G305)						
8:00	22	Yanxin Liu <lyxinn@126.com>	Capital University of Economics and Business	China	Virtual	Environmental and sustainability assessment of China's transportation sector: The impact of Li-ion batteries on the transition to electric mobility
8:20	23	Xu Tian <tianxu@sjtu.edu.cn>	Shanghai Jiao Tong University	China	Virtual	The updated Emergy database: solution based on Decentralized Autonomous Organizations
8:40	24	LUIGI CONTE <luiigi.conte@unive.it>	Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice	Italy	Virtual	Agroecological land restoration in the light of Odum's legacy
9:00	25	José Noronha <d1239@fam.ulusiada.pt>	Universidade Lusíada, Vila Nova de Famaicão	Portugal	Virtual	A new approach to emergy accounting on networks
9:20	Break					
9:50	26	Peter May <pmimay@umd.edu>	University of Maryland Department of Environmental Science and Technology	USA	In-person	Comparative Embodied Emergy (Emergy) and Life Cycle Assessments of the UMD Solar Decathlon Entries reACT and LEAFhouse
10:10	27	Don Blancher <dblancher@moffattnichol.com>	Moffatt & Nichol	USA	In-person	Natural Capital Accounting : Developing a Natural Capital Spatial Inventory for Gulf Coast Restoration Projects
10:30	28	Gengyuan Liu <liugengyuan@bnu.edu.cn>	Beijing Normal University	China	In-person	Updating of NEAD Database
10:50	29	Cissy Ma <ma.cissy@epa.gov>	US EPA	USA	In-person	UEV Library - Characterize environmental support in emergy accounting and Life Cycle Assessment
11:10	30	Daniel Campbell <dan_campbell_ri@yahoo.com>	International Society for the Advancement of Emergy Research	USA	In-person	Emergy and the rules of emergy accounting applied to calculate transformities for some of the primary, secondary, and tertiary emergy flows of the Geobiosphere
11:30	31	William Braham <brahamw@design.upenn.edu>	University of Pennsylvania	USA	In-person	Proposal: Intelligence of Buildings: The power of responsive envelopes
11:50	Lunch					
12:50	32	Shuyan Wan Wan <wanshuyan2021@gmail.com>	Concordia University	Canada	In-person	Enhancing Urban Sustainability: An Emergy-Based Framework to Support Green Infrastructure Planning
13:10	33	Federico M. Pulselli <federico.pulselli@unisi.it>	University of Siena	Italy	In-person	The impacts of everyday life - investigating lifestyle-related CO ₂ emissions and emergy budget and their relationship
13:30	34	Cristina Flora <cflora@ucdavis.edu>	University of California Davis	USA	In-person	Emergy Accounting and Green Chemistry languages: the case of lactic acid
13:50	35	"Betancourt, Mauricio" <mbetancourt@wlu.edu>	Washington and Lee University,	Virginia, USA	In-person	An Emergy analysis of the Guano Trade in 19th-century Peru
14:10	36	David Tilley <dtalley@umd.edu>	University of Maryland	USA	In-person	What might Odum say about the rise of generative artificial intelligence: perspectives of an ecological and general systems scientist?
14:30	Break					
14:50	37	Elliott Campbell <elliott.campbell@maryland.gov>	Maryland Department of Natural Resources	USA	In-person	Climate Change is Inevitable or: How I Learned to Stop Worrying and Love Maximum Power
15:10	38	Remo Santagata <r.santagata@gmail.com>	Parthenope University of Naples	Italy	In-person	Direct and Indirect Human Labor in an Emergy perspective. How to correctly introduce socio-economic aspects into environmental accounting
15:30	39	Peter May <pmimay@umd.edu>	University of Maryland Department of Environmental Science and Technology	USA	In-person	The Prosperous Way Down? A decade of student opinion data collected on their views of "The Future" after reading and discussing HT and EC Odum's 2006 paper <i>The Prosperous Way Down</i>
15:50	40	Simone Bastianoni <bastianoni@unisi.it>	Ecodynamics Group - University of Siena	Italy	In-person	How structural non-renewability affects results of emergy indicators
16:10	41	Mark Brown	University of Florida	USA	In-person	Emergy Evaluation of the USA Aquatic Food System

Dinner on your own - or - We can also meet at Grand Scheme Brewery for pizza and beer @ 18:30

EST Saturday 18 January ~ Reitz Union - The Chamber (Rm G305)						
8:20	42	Gonella Francesco <gonella@unive.it>	Ca' Foscari University of Venice and Centre for Environmental Humanities	Italy	Virtual	Emergy Assessment of a sustainable Solar Still for water desalination and purification
8:40	43	Dennis Collins <d_collins_pr@hotmail.com>	UPR-Mayaguez	USA	Virtual	Math and Puerto Rico Interactions with H.T. Odum
9:00	44	Yanxin Liu <lyxin@126.com>	Capital University of Economics and Business	China	Virtual	Emergy Accounting and Resource Policy Making. A Review of Case Studies from Market to Nature-based Transition Patterns
9:20	Break					
Special Session - Celebrating H.T. Odum's 100th Birthday ~ September 1, 1924						
9:50	45	Thomas Abel <tabel1005@gmail.com>	Tzu Chi University	Taiwan	In-person	Howard T. Odum's Contributions to Evolutionary Theory and Maximum Power
10:10	46	Kangas Patrick <pkangas@umd.edu>	Environmental Science and Technology Department, University of Maryland	USA	In-person	Loop Reinforcement as a Mechanism of Self-Organization
10:30	47	Kelly Chinnners Reiss Reiss <ailuropoda8@gmail.com>	American Public University System	USA	In-person	Applying HT Odum's Models to Novel Ecosystems
10:50	48	Federico Surra <federico.surra@unive.it>	Ca' Foscari University of Venice	Italy	In-person	The ecological modeling of Howard T. Odum and its perspective inheritance in cancer biology and medicine
11:10	49	Sergio Ulgiati <sergio.ulgiati@gmail.com>	University of Naples "Parthenope",	Italy	In-person	H.T. Odum's contribution to policy making
11:30	50	Mark Brown	University of Florida	USA	In-person	HT Odum's Contributions to Open Systems Thermodynamics
11:50	Lunch ISAER Business Meeting					
12:50	Conference wrapup					
17:00	After Conference Party - Mark Brown and Carol Binello's Home. (transport will be arranged)					