



## PROGRAMA / PROGRAM

MARTES 15 OCTUBRE: DÍA PRE-CONFERENCIA

TUESDAY 15<sup>TH</sup> OCTOBER: PRE-CONFERENCE DAY

### Talleres TransAction / TransAction Workshops

9:00-17:00	Sustainable Food System Transformation: Participatory Evaluation and Leverage Points
9:00-17:00	Transformation Laboratories as Spaces for Co-designing Socio-ecological Transformation: Learning from Different Contexts and Approaches
9:00-17:00	Imagining the Transformative Future of Citizen Observatories (co) to Leverage the Power of Open Data, Technology and Citizen Science
9:00-17:00	Transformative Narratives: Memes, Stories and Their Role in Transformations

MIÉRCOLES 16 OCTUBRE: PRIMER DÍA

WEDNESDAY 16TH OCTOBER: DAY ONE

Principios, visión y puntos de partida

Beginnings, Visions, Entry Points

7:30-8:30	<b>Registro / Registration</b>
8:30-9:15	<p><b>Plenaria: Bienvenida y apertura</b>  <b>Plenary: Welcome and Opening</b></p> <p><i>Música / Music: "E tupuna e"</i>  <i>Enrique Icka</i>  <i>Cantaautor / Singer-songwriter</i></p> <ul style="list-style-type: none"> <li>• Paulina Aldunce            Presidenta de la Conferencia de Transformación 2019            Chair Transformations 2019 Conference</li> <li>• Sebastián Sichel            Ministro de Desarrollo Social y Familia            Minister of Social Development and Family</li> <li>• Sonia Díaz            Dirigenta Social, recuperación incendio 2019 de la comunidad de La Gloria            Community leader, the 2017 post-fire recovery of La Gloria community</li> <li>• <b>Ennio Vivaldi</b>            Rector de la Universidad de Chile            Head of the University of Chile</li> </ul>
9:15-10:30	<p><b>Plenaria: Preparando la escena</b>  <b>Plenary: Setting the Scene</b></p> <p><b>Continuidad con la Conferencia de Transformación anterior</b>  <b>Continuity from Previous Transformation Conferences</b></p> <ul style="list-style-type: none"> <li>• Ioan Fazey            Presidente de la Conferencia de Transformación 2019, Universidad de York            Chair Transformations 2017 Conference, University of York</li> </ul>

	<p><b>Continuidad con los talleres "TransAction" previos a la Conferencia</b>  <b>Continuity from Pre-Conference Workshops "TransAction"</b></p> <ul style="list-style-type: none"> <li>• Organizadores de los talleres previos a la Conferencia            Pre-conference Workshop organizers</li> <li>• Facilitadora / Facilitator Karen O'Brien, University of Oslo</li> </ul> <p><b>How we got here, how to face the future</b></p> <ul style="list-style-type: none"> <li>• Mark Howden, Australian National University            Room: Aula Magna Auditorium</li> </ul>
10:30-11:10	<b>Café / Coffee</b>
11:10-12:45	<p><b>Sesiones paralelas de presentaciones orales I / Parallel Oral Presentation Sessions I</b></p> <p>Learning from and Through Stories</p> <ol style="list-style-type: none"> <li>1. Learning from Farmers - What Inhibits or Enhances Adoption of Multifunctional Methods in Agriculture? Jennifer Hodbod, Morgan Mathison</li> <li>2. Reflectivity and Humility for Transformation Change. Gregory Mark Hill, Daniel McCarthy</li> <li>3. Evaluation of the Adaptation and Application of Transition Management Approach in Informal Settlements in Kampala (Uganda) and Dodowa (Ghana). Giorgia Silvestri, Julia Wittmayer, Robinah Kulabako, Sampson Oduro-Kwarteng, Jennifer Isoke, Francis Andorful, Karlijn Schipper</li> <li>4. A Challenging but Necessary Wellbeing Transformation: Reimagining Small-Scale Fishers in Uruguay. Paula Santos, Micaela Trimble, Derek Johnson</li> <li>5. Huellas Antropogénicas / Crisis, paisaje y territorio. Patricio Saavedra            Room: Aula Magna Auditorium</li> </ol> <p>Learning through Transdisciplinarity</p> <ol style="list-style-type: none"> <li>1. T-Arts: An Emerging Transdisciplinary Movement. Diego Galafassi, David Tàbara, Emily Boyd</li> <li>2. Transdisciplinary Dialogue and Co-Creation of Transformative Knowledge with Innovative Practitioners in Riparian Communities of Lake Malawi. Tetsu Sato, Shion Takemura, Hidetomo Tajima, Mitsutaku Makino</li> <li>3. How Can Research Funding Programmes Enhance Transdisciplinary Co-Production of Knowledge. Tobias Buser, Flurina Schneider, Isabelle Providoli, Christian Eismann, Zarina Patel, Katsia Paulavets, Vivi Stavrou, Theresa Tribaldos</li> <li>4. Bringing Forward Cultural Values in Eia In Chile Through a Feminist and Decolonizing Approach. Teresita Chubretovic</li> <li>5. Co-Creating Knowledge and Solutions for Sustainable Development with the Local Communities Via Transdisciplinary Research and Teaching: Examples from the Post-Soviet Countries. Lela Khartishvili, Tigran Keryan            Room: Pricewaterhouse Coopers Auditorium</li> </ol>

### Citizen Science and Knowledge Co-Creation

1. Fostering Transformation Through Citizen Science: The Case of Grow Citizens' Observatory. Raquel Ajates Gonzalez, Mel Woods, Drew Hemment, Pavlos Georgiadis, Davie Philip
  2. Exploring a Desired Food System in Flint, Mi. Rachael Belisle-Toler, Jennifer Hodbod
  3. The Challenge of Collective Learning in Natural Resources Management: Insights from Decision Science. Rodrigo Antonio Estevez, Stefan Gelcich
  4. Cocreation of Climate Change Resources with Two Indigenous Shire Councils in Australia. Anne M Leitch, Kerrie Foxwell-Norton
  5. Homeward Bound: Leadership, Science, Strategy and Gender in Antarctica. Deborah O'Connell, Mary-Anne Lea, Justine Shaw
- Room: 1605, Torre 15

### Relational and Psychological Dimensions of Agency

1. The Relationship Between Social Capital and System Transformation. Esther Carmen
  2. Procedural Fairness as an Enabler of Transformative Collaboration. Gail Francis
  3. Loss and Change: Emotional Roots in Transformation and Collective Action. Hallie Eakin, Rebecca Shelton, Lakshmi Charli-Joseph, Jesus Mario Siqueiros Garcia, David Manuel-Navarrete, Beatriz Ruizpalacios
  4. Sailing into Transformational Change: Making Safe Spaces for Leadership Development on Homeward Bound. Deborah Anne O'Connell, Sophie Adams, Kylie Lewis, Fern Hames
  5. Seeds of Transformation: Change Strategies Towards More Sustainable Seed Systems. Almendra Cremaschi, Anabel Marin, Patrick van Zwanenberg
- Room: 2002, Torre 15

### Research-Practice Transformations: Experiences from 20 Years Global Research

1. Research-Practice Transformations: Experiences From 20 Years Global Research from the Institute for Sustainable Futures, University of Technology Sydney. Federico Davila, Cynthia Mitchell, Chris Riedy, Katie Ross, Aditi Rosegger
  2. Spaces Cultivating Embodied Transformative Intent: An Auroville Case Study. Aditi Rosegger
  3. Transformative Learning and Building Ontological and Epistemological Awareness. Katie Ross
  4. A Human Ecology Approach to Guide Transformative Research in Food Systems. Federico Davila
  5. 20+ Years of Learning-by-Doing to Create Transformations. Cynthia Alison Mitchell
- Room: FAU Black Space

### Negotiating Epistemological Frameworks and Normative Commitments across a Transformative Knowledge Network 1

1. Introduction. Adrian Ely
  2. Reflections on Theory, Methods and Action – The Role(s) of Researchers in Transformations to Sustainability. Adrian Ely
  3. Bioleft: A Story of Emerging Change First Led by Academics but Now Co-Owned by a Complex Network of Actors. Anabel Marin, Patrick Van Zwanenberg, Almendra Cremaschi
  4. Mobilized Publics, Contradictory Interests and Divergent Imaginations: Co-Producing Knowledge and Practices for Sustainable Urban Water Management in Gurgaon, India. Pravin Kumar Kushwaha, Dinesh Abrol, Bikramaditya Chaudhary, Prachi Jha
- Room: FAU Auditorium

### Desaster and Development

1. La Gloria de tu vida volverá: Metodologías participativas y artísticas para la gestión del riesgo en desastres. Paulina Aldunce, Sonia Pérez, Enrica Conte, Fernanda Flores, Claudia Fuentes, Valentina Stark, Karina Quiñones, Eduardo Saavedra
  2. Transforming the Relationship Between Development and Disaster Risk: Insights from Research and Policy. Michael Boyland, Albert Salamanca, Heidi Tuhkanen, Jon Ensor, Karlee Johnson, Frank Thomalla
  3. Transformation, Key to Integrate Urban Regeneration and Disaster Risk Management. Carmen Paz Castro, Antonio Fritis, Juan Pablo Sarmiento
  4. Efectos socioambientales de las transformaciones climático-urbanas sobre los desastres y pérdida de calidad ambiental en ciudades chilenas. Hugo Romero Aravena
- Room: Amanda Labarca, CIAE

14:45-13:45	<b>Almuerzo / Lunch</b>
13:45-15:00	<b>Sesiones paralelas de presentaciones orales II / Parallel Oral Presentation Sessions II</b>

### The Power of Stories

1. Storytelling as a Process of Building Group Capacities for Transformation. Jo Howard, Erika Lopez Franco
  2. The Yih Katseme of AdaGhana: Re-Storying as Community Resilience Building. Jonathan Langdon
  3. The Patterns of Diffusions of Grassroots Innovations in Informal Settlements. The Case of Slum Dwellers International (Sdi) in Ghana and Uganda. Giorgia Silvestri, Julia Wittmayer, Karlijn Schipper, Robinah Kulabako, Jennifer Isoke, Sampson Oduro-Kwarteng, Francis Andorful
  4. The Transformative Role of Social Movements in the Fight Against Anthropogenic Contamination. The Case of Quintero Bay, Chile. Adriana Espinoza, Hans Klener, Beatriz Sepúlveda
- Room: Aula Magna Auditorium

### Learning Methods & Evaluation

1. The Learning for Sustainability (LforS) Method. Andreas Kläy
  2. Emancipatory Participatory Rapid Diagnosis (EPRD): A Method of Social Management. José Pereira, Valderí de Castro Alcântara, Lucas Canestri de Oliveira
  3. Stakeholder Perspectives on Transformation Oriented Transdisciplinary Processes – What Makes Transdisciplinary Processes Valuable for Stakeholders? Tobias Buser, Merritt Polk, Silvia Tobias, Stephan Rist, Lars Lilled, Flurina Schneider, Roderick Lawrence, Pius Krütli, Christian Pohl
  4. Local Knowledge for Environmental Protection and Climate Change Adaptation in Africa. Geoffrey I. Nwaka
  5. Science-Policy-Society Interface: Public Deliberation on Water in Uruguay. Micaela Trimble Nuñez, Marila Lázaro, Cristina Zurbriggen, Isabel Bortagaray
- Room: Pricewaterhouse Coopers Auditorium

### Lessons from Longitudinal and Comparative Studies

1. Recalibrating “Safe” Routes to School to Mobilize Children’s Transformative Capacity in Santiago and Lautaro. Lake Sagaris, Daniel Lanfranco
  2. How Can Evaluation Help Accelerate Climate Action? Takeaways from 4 Years of Climate Policy Evaluation in Mexico. Giovanna Montager
  3. Supporting the Potential of Universities in the Caucasus Countries to Facilitate Sustainability Transformations on the Local and Regional Level Through Transdisciplinary Teaching. Tamara Mitrofanenko, Andreas Muhar, Tigran Karyan, Lela Khartishvili
  4. How 25 Years of the Inter-American Institute for Global Change Research Has Supported Science-Based Actions and Solutions for the Americas. Susanna Mae Ehlers
- Room: 1605, Torre 15

### Interrogating Social Sciences Role in Accelerating Energy Transitions

1. The Sinuous Pathways of Energy Sovereignty: Exploring the Transformation of the Socio-Technical Regime of Firewood in Southern Chile. Gustavo Blanco Wells, Tomás Ariztía, Jorgelina Sanazzaro, Gloria Baigorrotegui, Anahí Urquiza
  2. Energy and Repair Communities for Transformation. Gloria Baigorrotegui, Karla Vidal
  3. Integration Experiments, in the Context of Energy Transition, for a Wind Farm in Chiloe? Jorgelina Sannazzaro
  4. Low Carbon Technologies in the Making: How Social Science Can Help to Problematize and Accelerate Post Carbon Transitions. Tomas Ariztia
- Room: 2002, Torre 15

### Actors and Actions in Natural Resource Management

1. The Role of Urban Citizens in Sustainable Phosphorus Cycling: Can Urban Agriculture Act as a Seed of Transformation. Geneviève Metson
  2. Efectos del estrés hídrico en la capacidad de adaptación autónoma transformativa de los pueblos indígenas del norte de Chile al cambio climático. Nancy Yañez Fuenzalida
  3. Distributed Agency in Food System Transformation in Chile: Collective Action or Fragmented Individualism. Maria Contesse Ayala, Laurens Klerkx, Jessica Duncan
  4. Transformaciones en la epistemología y ontología de los cambios de clima y usos del agua en comunidades indígenas por la minería del litio en el Salar De Atacama, Chile. Hugo Romero Aravena, Datu Bayung Agusdinata, Wenjuan Lieu, Soe Mynt
  5. Integrating Governance of Protected Areas into Regional Sustainable Development: The Case of the National Reserve of Coyhaique, Chile. Theresa Tribaldos, Stephan Rist
- Room: FAU Black Space

### Emerging Theory of Transformational Change

1. What Is a Useful Theory of Transformational Change? Sandra Waddock
  2. Perspectives Arising from a Multi-Year Global Analysis. Björn-Ola Linnér
  3. Transformational Change and Learning Networks. Bruce Goldstein
  4. The Transformational Change Theory Behind the SDG Transformations Forum. Steve Waddell
- Room: Amanda Labarca, CIAE

### Co-Producing Urban Transformative Visions for Resilience to Extreme Events: Part 1

1. Urban resilience to extreme events: framing cities and their infrastructure as social-ecological-technological systems (SETS) Nancy Grimm, Marta Berbés Blásquez, Mikhail Chester, Elizabeth Cook, David Iwaniec, Timon McPhearson, Tischa Muñoz-Erickson, Charles Redman
  2. Positive Futures of Urban Transformation Number. David Iwaniec, Marta Berbés Blásquez, Elizabeth Cook, Nancy Grimm, Lelani Mannetti, Timon McPhearson, Tischa Muñoz-Erickson
  3. Transformative co-produced visions for future urban sustainability and resilience. Elizabeth Cook, Olga Barbosa, Marta Berbés Blásquez, Nancy Grimm, David Iwaniec, Lelani Mannetti, Timon McPhearson, Tischa Muñoz-Erickson
  4. Anticipatory Knowledge Systems to Co-Produce Transformative Visions for Urban Resilience. Tischa Muñoz-Erickson, Elizabeth Cook, Olga Barbosa, Mathieu Feagan, Robert Hobbins, David Iwaniec, Lelani Mannetti, Clark Miller, Thad Miller, Kaethe Selkirk
- Room: 1 and 3, FAU Postgraduate

15:00-15:30	<b>Café, posters y videos / Coffee, Posters and Videos</b>
La transformación de los sistemas jurídicos ante los riesgos de desastres: de la percepción a la reacción y de la armonización a la reducción. Daniela Ejsmentewicz Cáceres	
Levels of Government and Uncertainty in the Face of Disaster: Challenges and Opportunities for Decision-Making in Chile. Julio Hasbun, Francisca Valdebenito, Andrea Rivera, Leonardo Díaz	
The Impact of Framing and Perception Of “Naturalness” on Climate Engineering Support. Patrick Hancock, Leidy Klotz, Ben Converse, Gabe Adams, Andres Clarens	
Scenario Planning with Stakeholders to Aid System Transformation: Can Structured Decision-Making Tools Be Useful for Knowledge Integration and Problem Reframing? Louise Carin Gammage, Astrid Jarre	
Subterranean to Skyline - Street Trees as Potent Boundary Objects and Change Agents in Transforming Street Section Design. Findings from the Hug the Streets, Idelab Project, Oslo. Deborah E. Davies, Ida Nilstad Pettersen, Hanne Johnsrud	
Communicating the Transformative Power of Soils Through Citizen Science, Satellite Validation and Data Art. Drew Hemment, Mel Woods, Raquel Ajates Gonzalez	
A Museum of Anthropology: Reconciliation of Contested Land. Alyssa Schwan	
Staring into Wild Eyes (video). Daniel Morchain	
Grow Food. Grow Soil. Grow Science. (video) Drew Hemment, Mel Woods, Raquel Ajates Gonzalez, Pavlos Georgiadis	
15:30-16:20	<p><b>Plenaria de la tarde</b> <b>Afternoon Plenary</b></p> <p><i>Música / Music: “Décimas al agua”</i> <i>Natalia Contesse</i> <i>Cantautora / Singer-songwriter</i></p> <p><b>Transformación: Temas emergentes</b> <b>Transformations: What is Emerging</b></p> <ul style="list-style-type: none"> <li>• Mark Pelling, King's College London</li> </ul> <p><b>Objetivos de Desarrollo Sostenible: Visión y puntos de partida para la Transformación</b> <b>Sustainable Development Goals: Vision and Starting Points for Transformation</b></p> <ul style="list-style-type: none"> <li>• Steve Waddell, SDG Transformations Forum</li> </ul> <p>Room: Aula Magna Auditorium</p>
16:30-18:00	<b>Sesiones paralelas no académicas / Parallel Non-academic Sessions</b>
Exposición y Rodaje de Spot Publicitario Transmedia Storytelling frente al cambio climático / Exhibition and Filming of Transmedia Storytelling Advertising Spot Against Climate Change. Transformasmedia, Eduardo Saavedra, Karina Quiñones, Anne Mette Room: Patio FAU	

Transformando los negocios: Empresas a la vanguardia / Transforming business: Companies at the Forefront. ACCIÓN Empresas, Carmen Lacoma, Lucía Martínez, Rosa Soto Room: Pricewaterhouse Coopers Auditorium
Enfoque transformacional para abordar la sequía en la agricultura chilena: uso del suelo, praderas y manejo del ganado / Transformational Approach to Address Drought in Chilean Agriculture: Land use, Grassland and Livestock Management. Ministry of Agriculture, Antonio Yaksic Soulé, Mark Howden, Isidora Molina, José Manuel Gortázar, Carlos Ovalle Room: 1605, Torre 15
Zonas de Sacrificio, Género y Transformación Social / Sacrificed Zones, Gender and Social Transformation. Terram, Hernán Ramírez Rueda, Fernando Martínez, Javiera Valencia Room: 2002, Torre 15
Jóvenes protagonistas de la transformación ambiental / Young protagonists for the environmental transformation. Tremendas, Julieta Martínez, Matilde Gaete Room: 2 FAU Postgraduate
Transición Energética y descarbonización eléctrica en Chile / Energy Transition and Electrical Decarbonization in Chile. Fundación Chile Sustentable, Claudia Fuentes, Pamela Poo Room: 1 FAU Postgraduate
Chile, país minero: la necesidad de avanzar hacia industrias no extractivas / Chile, Mining Country: The Need to Move towards Non-extractive Industries. Fundación Chile Sustentable. Sara Larraín, Pamela Poo Room: 3 FAU Postgraduate
Barrio a barrio transformando la ciudad / Neighbourhood to Neighbourhood Transforming the City. Quiero mi barrio. Heidi Kremmer Room: 4, FAU Postgraduate
Escuela Casa Azul: Comunidad para la participación y transformación de Niños y Niñas / Casa Azul School: Community for the Participation and Transformation of Children. Escuela Casa Azul, Samuel Vásquez, Natalia Contreras, Eugenia Mellado, Carlos Mellado, Tábata Suzarte, Natalie Parra Room: FAU Auditorium
Fortalecimiento local de comunidades ante múltiples escenarios de riesgos, ocasionados por el cambio climático / Local Strengthening of Communities, in the Multiple Risk Scenarios Caused by Climate Change. Municipalidad de Pudahuel Room: D11, FAU
Red de Inclusividad Urbana. La Ciudad Para Todos. / Urban Inclusivity Network. The city for Everybody. Rebeca Silva Roquefort Room: 1402A and 1402B, Torre 15
La migración internacional también es rural: ¿cómo pensar el desarrollo local inclusivo? / International Migration Is Also Rural: How to Think Inclusive Local Development? Fundación Superación de la Pobreza, Francisca Castro Tohá y Antonia Garcés Sotomayor Room: FAU Black Space

Niñez transformadora de la relación con el medioambiente/ Transformation and Childhood in Relation with the Environment. Escuela Tierra de Niños, Víctor González Arriaza

Room: Aula Magna Auditorium

Transformando los Océanos: Rol de los vertebrados marinos en el cambio climático / Transforming the Oceans: The Role of Marine Vertebrates in Climate Change. Centro Ballena Azul, Rodrigo Hucke-Gaete, Mauricio, Francisco Morey

Room: Amanda Labarca, CIAE

JUEVES 17 OCTUBRE: SEGUNDO DÍA

THURSDAY 17<sup>TH</sup> OCTOBER: DAY TWO

Escalas, actors y procesos Transformativos

Scales of Transformation, Actors, Processes

7:30-8:30	<b>Registro / Registration</b>
8:30-9:50	<p><b>Plenaria de la mañana</b> <b>Morning Plenary</b></p> <p><b>Navegando mi Transformación personal</b> <b>Navigating through a Personal Transformation</b></p> <ul style="list-style-type: none"> <li>• Martín Torres, Universidad de Chile</li> </ul> <p><b>Arte basado en la Transformación</b> <b>Arts based transformations</b></p> <ul style="list-style-type: none"> <li>• Diego Galafassi, Johns Hopkins University and LUCSUS</li> </ul> <p><b>Movimientos sociales de emancipación</b> <b>Emancipatory social movements</b></p> <ul style="list-style-type: none"> <li>• Mariana Walter, Autonomous University of Barcelona</li> <li>• Injairu Kulundu, Rhodes University</li> </ul> <p><i>Música y baile / Music and dance: "Soy pan, soy paz, soy más" y / and "Cambia, todo cambia"</i> <i>Catalina Naveas y / and Paula Ricardi</i> <i>Estudiantes / Students</i> Room: Aula Magna Auditorium</p>
9:50-10:30	<b>Café / Coffee</b>
9:50-10:30	<p><b>Clínica de investigación "La dimensión política en la divulgación científica"</b> <b>Research Clinic "The political dimension in scientific dissemination"</b></p> <ul style="list-style-type: none"> <li>• El Mostrador diario digital</li> <li>• El Mostrador digital newspaper</li> </ul> <p><b>Clínica de Investigación "Cómo escribir resúmenes efectivos"</b> <b>Research Clinic "How to write effective abstracts"</b></p> <ul style="list-style-type: none"> <li>• Investigador Senior</li> <li>• Senior Researcher</li> </ul>

10:30-12:00	<b>Sesiones paralelas de presentaciones orales III / Parallel Oral Presentation Sessions III</b>
Fundamentals in Theory and Methods	
<ol style="list-style-type: none"> <li>1. Evidence Gap Map on Transformational Change. Cornelius Krüger, Liza Ottlakan</li> <li>2. How to Design a Meaningful Longitudinal Study About Values in Transformational Sustainability Science? Andra-Ioana Horcea-Milcu</li> <li>3. Classical Versus Quantum Conceptualization of Transformational Change Process in Farm Decision Making. The Importance of Framing in Transformations. Cyrille Gerard Rigolot</li> <li>4. Transformative Innovation in Peri-Urban Asia Jonathan Dolley, Fiona Marshall</li> <li>5. Latin American "Extension" as Transformative Science for Sustainability. Luciano Villalba</li> <li>6. The Role of Access to Resources for Understanding Social-Ecological Transformation and Resilience. Rafael Calderón-Contreras</li> </ol> <p>Room: Aula Magna Auditorium</p>	
Co-Producing Urban Transformative Visions for Resilience to Extreme Events: Part 2	
<ol style="list-style-type: none"> <li>1. Assessing the Resilience, Sustainability, and Equity of Future Urban Visions. Marta Berbes-Blazquez, Elizabeth Cook, Nancy Grimm, David Iwaniec, Tischa Muñoz-Erickson, Darin Wahl</li> <li>2. A Multi-modal Approach to Framing Urban Resilience: A Valdivian Case Study. Lelani Mannetti, Elizabeth Cook, David Iwaniec, Tischa Muñoz-Erickson, Robert Hobbins</li> <li>3. Knowledge System Innovation for Resilient Coastal Cities. Robert Hobbins, Tischa Muñoz-Erickson, Sara Meerow, Clark Miller</li> <li>4. Human Scale Transformation Case Studies, Activa Valdivia Cvs, Valdivia Wetland City, Chile. Cristóbal Lamarca</li> </ol> <p>Room: Pricewaterhouse Coopers Auditorium</p>	



<p style="text-align: center;">Negotiating Epistemological Frameworks and Normative Commitments across a Transformative Knowledge Network 2</p> <ol style="list-style-type: none"> <li>1. Introduction. Laura Pereira</li> <li>2. Co-Producing Research and Action for Transformations to Sustainability in Argentina: Can Empowering Logics Also Be Instrumental? Patrick Van Zwanenberg, Anabel Marin, Almendra Cremaschi</li> <li>3. Exploring Collective Agency for Sustainability Transformations: A Transdisciplinary Process in the Xochimilco Social-Ecological System T-Lab. Lakshmi Charli-Joseph, Hallie Eakin, J. Mario Siqueiros-García, Beatriz Ruizpalacios, David Manuel-Navarrete, Rebecca Shelton</li> <li>4. Understanding the Sustainable Development Prospects of Mobile-Enabled Solar Home Systems in Kenya. Victoria Chengo</li> <li>5. Social Impact of Environmental Policies and Economic Green Transitions in China - A Case Study of Hebei. Lichao Yang</li> </ol> <p>Room: 2002, Torre 15</p>
<p style="text-align: center;">Transformative Disaster Recovery</p> <ol style="list-style-type: none"> <li>1. La Gloria de tu vida volverá: Transdisciplina y transformación comunitaria postdesastres. Sonia Pérez, Paulina Aldunce, Enrica Conte, Fernanda Flores, Claudia Fuentes, Valentina Stark, Karina Quiñones, Eduardo Saavedra</li> <li>2. Transformations for Rural Resilience I: Community, Networks and Social Capital in a Post-Disaster Context. Nicholas Craddock-Henry, Joanna Fountain, Franca Buelow</li> <li>3. Challenges for Transformational Adaptation in a Scenario of Increasing Fire Risk in Valparaiso, Chile. Rodolfo Sapiains Arrue</li> <li>4. The Interdependent and Cascading Impacts of Disaster. Deborah Anne O'Connell, Russell Wise, Rachel Williams, Nicky Grigg, Seona Meharg, Michael Dunlop, Veronica Doerr, Jacqui Meyers</li> </ol> <p>Room: 1605, Torre 15</p>
<p style="text-align: center;">Learning Centers for Transformations: Convening a Global Network Part 1</p> <ol style="list-style-type: none"> <li>1. Creating Certificate Programs for Regenerative Entrepreneurship. Eduard Muller</li> <li>2. A Transformations Pluriversity: A Networked Approach to Research-Learning-Action Whose Time Is Here. Steve Waddell</li> <li>3. Putting Art into Action Research for Transformation. Hilary Bradbury</li> <li>4. Peer Coaching to Support Moving from Remedial Interventions to Transformative Developmental Ones. Alastair Wyllie</li> </ol> <p>Room: Amanda Labarca, CIAE</p>

12:00-13:00	<b>Almuerzo/Lunch</b>
13:00-14:20	<p><b>Plenaria de la Tarde</b> <b>Afternoon Plenary</b></p> <p><i>Música/Music: "Entiéndelo"</i> <i>Los Liricistas</i> <i>Grupo Hip Hop / Hip Hop Band</i></p> <p><b>Desastres socio-naturales en un clima cambiante</b> <b>Socio-natural Desasters in a Changing Climate</b></p> <ul style="list-style-type: none"> <li>• Úrsula Oswald, Universidad Nacional Autónoma de México</li> </ul> <p><b>Urbanización como transformación en un clima cambiante</b> <b>Urbanization as Transformation for a Changing Climate</b></p> <ul style="list-style-type: none"> <li>• Patricia Romero-Lankao, National Renewable Energy Laboratory</li> </ul> <p><b>COP en Chile: Transformación, conocimiento científico y urgencia del cambio climático</b> <b>COP in Chile: Transformation, Scientific Knowledge and the Urgency of Climate Change</b></p> <ul style="list-style-type: none"> <li>• Julio Cordano, Jefe del Departamento de Cambio Climático y Desarrollo Sostenible del Ministerio de Relaciones Exteriores Head of the Department of Climate Change and Sustainable Development of the Ministry of Foreign Affairs</li> <li>• Carolina Urmeneta Jefe Oficina Cambio Climático del Ministerio del Medio Ambiente Head of the Climate Change Office of the Ministry of Environment</li> <li>• Joanna Post Oficial de programas de investigación y observación sistemática, Secretaría de la Convención Marco de las Naciones Unidas sobre el Cambio Climático (CMNUCC) Programme Officer for Research and Systematic Observation, Secretariat of the United Nations Framework Convention of Climate Change (UNFCCC)</li> <li>• Sebastián Vicuña Asesor presidencial COP25; Director del Centro de Cambio Global COP25 Presidential Advisor; Director of the Global Change Center</li> </ul> <p>Facilitadora/Chair Andrea Rudnick, Centro de Ciencia del Clima y la Resiliencia, CR2 Center for Climate and Resilience Research Room: Aula Magna Auditorium</p>



14:20-14:50	<b>Café / Coffee</b>
14:50-16:20	<b>Sesiones paralelas de T-Practicas / Parallel T-Practice Sessions II</b>
Resilience, Adaptation Pathways and Transformation Approach (Rapta). Yiheyis Taddele Maru, Deborah O'Connell, Nicky Grigg, Veronica Doerr Room: 1 and 3, FAU Postgraduate	
Investigation into Patterns of Stakeholder Influence. Gail Francis Room: Amanda Labarca, CIAE	
Experiencia de Transformación: De oruga a mariposa. Natalia Denisse Bolívar Corvalán, Sofía Jorquera, Jorge Santander, Juan Pablo Silva Room: 2 and 4, FAU Postgraduate	
Blue Marble Evaluation: Building a Blue Marble Baseline. Glenn Page, Michael Quinn Patton Room: 1605, Torre 15	
Developing Theories of Change for Supporting Sustainability Transformations: A Serious Game. Theresa Tribaldos Room: 2002, Torre 15	
14:50-16:20	<b>Sesiones paralelas de presentaciones orales IV / Parallel Oral Presentation Sessions IV</b>
<p style="text-align: center;">Variations of Societal Transformations Across the World</p> <ol style="list-style-type: none"> <li>1. How Do We Change the World? Making Sense of Sustainability Transformations Across Societies. Björn-Ola Linnér, Victoria Wibeck</li> <li>2. Stories of Transformation: A Cross-Country Focus Group Study on Sustainable Development and Societal Change. Victoria Wibeck, Björn-Ola Linnér</li> <li>3. Fostering Systems Transformation Through Cross-Cultural Education and Research. Daniel McCarthy, Carlos Ormond</li> <li>4. Contesting Knowledges: How Indigenous Knowledges Mobilized Social Movements Against Mega Energy Projects in Highland Philippines. Laurence Delina</li> <li>5. Empowering Transdisciplinary Action Research: Incorporating Local and Traditional Knowledge Systems Through Social Unlearning and the Collaboratories Model. Lily House-Peters, Gabriela Alonso Yanez, Martin Garcia Cartagena Room: Aula Magna Auditorium</li> </ol>	

<b>The Role of Technology</b>	
<ol style="list-style-type: none"> <li>1. Evolution of Air Quality in Santiago: The Role of Mobility and Lessons from the Science-Policy Interface. Cecilia Ibarra Mendoza, Laura Gallardo</li> <li>2. Emerging Technology Adoption Across Settlements and Populations - A Typology. Patricia Romero-Lankao, Stanley Young, Douglas Nychka, Clement Rames, Andrew Duvall, Alana Wilson, Daniel Zimny-Schmitt, Carolina Neri</li> <li>3. Policy Frameworks on Climate Change Mitigation and Adaptation: Consideration of Local Indigenous Knowledge, Practices and Technologies of Agrarian Communities in Cameroon. Eric Ngang</li> <li>4. Using an Agro-Metabolism Framework to Analyze Material and Energy Flows in Small Agriculture Symbiotic Systems (Sass). A Scenario-Based Approach in a Small Coffee Farm in Colombia. Natalia Uribe Calvo, José Alfaro</li> <li>5. Expectations Versus Experiences with User Engagement in Smart Grid Development. Barbara van Mierlo Room: Pricewaterhouse Coopers Auditorium</li> </ol>	
<b>Transformative Approaches to Climate and other Geophysical Risks</b>	
<ol style="list-style-type: none"> <li>1. The Transformative Influence of the UNHCR and the Nansen Initiative's Protection Agenda on Cross-Border Disaster Displacement. Ademola Okeowo</li> <li>2. Identifying the Risk and Policy Space for Loss and Damage: A Role for Transformational Risk Management. Reinhard Mechler, Thomas Schinko</li> <li>3. Catastrophe and State Building: Lessons from Chile's Seismic History. Magdalena Gil</li> <li>4. Extreme Wave Warning System and a Proposal for an Intensity Scale. Mauricio Molina, Cristian Parra, Sebastian Correa, Daphne Vargas, Daniela Villalobos, Francisco Pinto, Daniela Manosalva, Carlos Tapia, Catalina Aguirre</li> <li>5. Territorial Planning in High Risk Zones of Disasters, Transformative Solutions and their Consequences in Human Habitability. Rose Marie Garay Moena, Paulina Aldunce, Miguel Castillo, Ricardo Tapia, Ricardo Herrera, Daniela Ejsmentewicz, Sergio Sepulveda, Gabriel Vargas Room: FAU Auditorium</li> </ol>	
16:30-18:00	<b>Sesiones paralelas de T-Practicas / Parallel T-Practice Sessions II</b>
Finding Transformative Narratives, Exploring Our Common Ground. Chris Riedy, Sandra Waddock Room: FAU Black Space	
Exploring Environmental and Transformative Themes in Traditional Stories: Performance and Discussions for Making Sense and Moving Forward. Megan Jean Lindow Room: 2002, Torre 15	
Applying Technologies of the Self in Transformation Labs to Mobilize Agency. David Manuel-Navarrete, Lakshmi Charli-Joseph, Hallie Eakin, Mario Siqueiros-García, Adrian Ely Room: Amanda Labarca, CIAE	

The Living Spiral Framework: Understanding, Generating and Evaluating Journeys of Transformations. Thomas Macintyre, Martha Chaves

Room: 1605, Torre 15

Transformative Learning Networks: Insights and Practices from Leading Netweavers. Bruce Goldstein, Lynn Decker, Gail Francis, Curtis Ogden, Stuart Cowan, Michelle Medley-Daniel, Sarah Ann Shanahan

Room: 2 and 4, FAU Postgraduate

Building Bridges: Finding the Essential Elements of a Professional Society Supporting Sustainability Knowledge and Innovation Communities. Veera Mitzner, Judit Ungvari, Josh Tewksbury, Makyba Charles-Ayinde, Susanna Ehlers

Room: 1 and 3, FAU Postgraduate

Evening

**Cena de gala / Gala Dinner**

## VIERNES 18 OCTUBRE: TERCER DÍA

## FRIDAY 18<sup>TH</sup> OCTOBER: DAY THREE

### Partida y final, novedades y comienzos emergentes

### Leavings & Endings, Novelties & Emerging Beginnings

7:30-8:30	<b>Registro / Registration</b>
8:30-9:45	<b>Sesiones paralelas de presentaciones orales V / Parallel Oral Presentation Sessions V</b>
Exploring Transformative Narratives	
<ol style="list-style-type: none"> <li>1. How Do Narratives Transform? A Systematic Review. Chris Riedy, Hollie Cheung</li> <li>2. The Importance of Memes in Narratives and System Transformations. Sandra Waddock</li> <li>3. Narratives of Transformation Processes: A Cross-Country Perspective. Victoria Wibeck, Björn-Ola Linnér</li> <li>4. Exploring the Transformative Narrative of Auroville. Aditi Rosegger</li> <li>5. Exploring Meta-Narratives that Overcome the Deep Barriers to Effective Transformative Change. Steve Gomes</li> </ol> Room: FAU Auditorium	
Learning Centers for Transformations: Convening a Global Network Part 2	
<ol style="list-style-type: none"> <li>1. Creating Certificate Programs for Regenerative Entrepreneurship. Eduard Muller</li> <li>2. A Transformations Pluriversity: A Networked Approach to Research-Learning-Action Whose Time Is Here. Steve Waddell</li> <li>3. Putting Art into Action Research for Transformation. Hilary Bradbury</li> <li>4. Peer Coaching to Support Moving from Remedial Interventions to Transformative Developmental Ones. Alastair Wyllie</li> </ol> Room: Pricewaterhouse Coopers Auditorium	
Actors and Actions in Climate Change Response	
<ol style="list-style-type: none"> <li>1. The First Geothermal Greenhouse in the Chilean Patagonia and the Role of National Gendarmerie in Transforming Energy Consumption. Cecilia Ibarra Mendoza, Sofia Vargas, Sebastián Ibarra, Juan Saenz</li> <li>2. Taking Position: The Climate Change Act Observatory as an Actor in the Discussion of the Chilean Climate Change Act. Guadalupe Jimenez Blasco</li> <li>3. Climate Action Literacies: Schools Becoming Agents of Societal Transformation. Alfredo Jornet, Karen O'Brien, Linda Sygna, Erik Knain</li> <li>4. Evaluating Transformational Change in Climate Finance / the GCF's Paradigm Shift Potential. Cornelius Krüger, Liza Ottlakan</li> </ol> Room: Aula Magna Auditorium	

### Social, Political & Cultural Complexities

1. An Interdisciplinary, Integrative Future Outlook on Meat Alternatives: Desirability and Plausible Socio-Technological Pathways of Change. Barbara van Mierlo, Cor van der Weele, Peter Feindt, Atze-Jan van der Goot, Martinus van Boekel
2. Identifying Actors, Activities and Networks for Transformation in a Post-Disaster Context. Nicholas Cradock-Henry, Franca Buelow, Joanna Fountain
3. Participatory Complexity-Aware Approaches that Support Transformative Pathways for those Left Behind. Marina Apgar, Eric Kasper, Pedro Prieto Martin
4. On Matryoshkas and Meaning-Making: Understanding the Plasticity of Climate Change and Contemplating What this Might Mean for Transformation. Gail Hochachka  
Room: FAU Black Space

### Resilience, Capacity and Transformation

1. Resilience Thinking as an Approach to Enhance Transformation Capacity in Coastal Governance: A Tasmanian Case Study. Javad Jozaei, Michael Mitchell, Sarah Clement, Scott Stephens, Paula Blackett
2. Societal Transformation as the Key to Climate-Resilient Development Pathways. Petra Tschakert, Chukwumerije Okereke, Diana Liverman, Neville Ellis, Karen P. Henrique
3. What Helps or Hinders Urban Transformations? Urban Transformative Capacity as a Transdisciplinary Heuristic and Disruptive Strategy. Marc Wolfram
4. Exploring Resilience Capacities with Food Innovators in The Western Cape, South Africa: A Narrative Approach. Megan Jean Lindow, Reinette Biggs, Rika Preiser  
Room: 1605, Torre 15

### Strategies to Enhance Transformation

1. Operationalising Transformation Theory Exploring the Transformative Potential of Social-Ecological Initiatives through Qualitative Comparative Analysis Across Cases. Aaron Tuckey, Amanda Jiménez Aceituno, Zuzana Harmáková, Albert Norstrom, Garry Peterson
2. Campground, Battle Ground or Just Losing Ground? The Role of Conflict, Power and Politics. Anne M Leitch
3. Changing Diets, Transforming Food Production. Monica Wehbe, Ivan Tarasconi, Diego Tello
4. Enhancing Society's Capacity to Act on Climate Information. Cecilia Hidalgo
5. A Networked Approach to Catalyzing Change. Robert Bryant Snyder  
Room: 1 and 3, FAU Postgraduate

### 9:45-10:15 **Café, posters y videos / Coffee, Posters and Videos**

Impacts at the Residential Level Associated with Vulnerability in the Continuity of Drinking Water Service in the City of Santiago, Chile. Rafael Undurraga, Sebastián Vicuña

How Science and Policy Facing the Areas with Lower Population Density in a Context of Rapid Social and Environmental Changes? Francisca Valdebenito, Julio Hasbun, Fabiola Fernandez, Cecilia Guzman

Converting Communities into Agents of Transformation: The Case of the Grow Citizens' Observatory. Mel Woods, Raquel Ajates Gonzalez, Drew Hemment, Pavlos Georgiadis, Davie Philip	
Exploring the Transformative Potential of Gender Approaches to Transport in Chile. Lake Sagaris, Magdalena Rivera	
La importancia de la utilización de metodologías novedosas para transformar el conflicto entre la pesca artesanal y el lobo marino común. José Ignacio Palma Duque, Stefan Gelcich, Katrina Davis	
Co-Production of Climate Knowledge Products in the Department of Bermejo in the Gran Chaco Wetland Area of Argentina. Federico Ariel Robledo, Nahuel Spinoso, Marisol Osman, Leandro Diaz, Valeria Hernández, Carolina Vera, Florencia Fossa Riglos, María Inés Ortiz de Zarate, Alfredo Roll, Romina Ruscica	
La Plataforma Nacional De Reducción De Riesgo De Desastres Chilena, Un Caso De Transformación del actuar público para la reducción de riesgo de desastres. Daniela Ejsmentewicz Cáceres	
A Holistic Design Approach to Constructions to Create Closed Energy-Material Loops. A Case Study in Bogotá D.C., Colombia. Natalia Uribe Calvo, Eelco Wind	
10:15-11:45	<b>Parallel T-Practice Sessions III</b>
Quantum Social Change: Meaning, Metaphors, and Mattering. Karen O'Brien Room: 1, FECH	
Mobilizing Transdisciplinary Collaborations for Sustainability Transformations: Collective Reflections on Social Unlearning. Gabriela Alonso-Yanez, Lily House-Peters, Martin Garcia-Cartagena, Marcella Ohira Room: 2, FECH	
Enriching Our Paradigmatic Perception. Katie Ross, Cynthia Mitchell Room: 1 and 3, FAU Postgraduate	
Change Agents: Our Work Within Transformation Systems. Bruce Goldstein, Glenn Page, Gail Francis, Tony Cooke, Julianna Gwiszcz Room: FAU Black Space	
Visioning as a Tool for Community-Led Transformation in Urban Food Systems. Rachael Belisle-Toler, Jennifer Hodbod Room: 1605, Torre 15,	
Artists as Agents of Transformation: Connecting Science and the Arts to Solve Complex Problems. Maureen McGuigan Room: 2 and 4, FAU Postgraduate	
11:45-12:30	<b>Plenaria de la tarde Late Morning Plenary Aprendiendo de la acción y el pensamiento, es aprendiendo los unos de los otros Learning from Action and Thinking is Learning from Each Other</b>
12:30-13:30	<b>Almuerzo / Lunch</b>

13:30-14:15	<b>Plenaria oficial de clausura Official Closing Plenary</b>  <b>Reflección sobre las diferentes perspectivas e impresiones del planeta, el futuro de investigación científica y la práctica de la Transformación, hacia donde vamos Reflections on Different Perspectives, Impressions of the Heart, the future of Transformations Research and Practice and Where It's Heading</b> • Susanne Moser, Antioch University  <b>Despedida de la Conferencia de Transformación 2019 Goodbye from the Transformations 2019 Conference</b> • Paulina Aldunce Presidenta de la Conferencia de Transformación 2019 Chair Transformations 2019 Conference  <b>Noticias de la Conferencia de Transformación 2021 News about Transformations 2021 Conference</b> Room: Aula Magna Auditorium Room: Aula Magna Auditorium
14:15-15:15	<b>Café y caminata hacia el Museo de Bellas Artes Coffee and walk to the Museum of Fine Arts</b>
15:15-18:30	<b>Evento de cierre de la Conferencia Conference Closing Event</b>  <b>Interacción con Obras de la Bienal de Artes Mediales /Interaction with Art Pieces of Media Arts Biennial</b> • Etienne de France y / and Leonel Lienlaf  <b>Transform-Arte en las relaciones sociales / Transform-Art in Social Relationships</b> • Ronald Sistek, Universidad Austral de Chile  <b>Transform-Arte en las relaciones con el patrimonio / Transform-Art in Heritage Relationships</b> • Marisol Facuse, Universidad de Chile • Raiza Cavalcanti, Universidad de Chile • Enrique Rivera, Universidad de Chile  <b>Transform-Arte en las relaciones espirituales y naturales / Transform-Art in Spiritual and Natural Relationships</b> • Claudia González, artista medial independiente / Independent Media Artist • Natalia Contesse, Escuela de Folclor y Oficios

SÁBADO 19 OCTUBRE

SATURDAY 19<sup>TH</sup> OCTOBER

Tours sociales y culturales: horario en la página web de la Conferencia

Social and Cultural Tours: Schedule in Conference Website

Conversatorio Foro Transformaciones ODS: 09:00-16:00

SDG Transformations Forum Gathering: 9:00-16:00