

AGENDA

Innovations in the Research Process in the Amazon Workshop

December 8-11, 2025, Puerto Maldonado, Peru

Overall goals*

1. **Build community** among biocultural and biodiversity conservation researchers from across the Basin.
2. **Reflect on the meaning** of innovation in research process
3. **Share lessons learned** from successful research processes/initiatives in the Amazon.
4. **Explore the concepts** of **biocultural heritage?** biocultural conservation, and biodiversity conservation and how they relate
5. **Exchange innovative tools and methodologies** used in the research/discovery/knowledge generation process, with an emphasis on those that have led to more inclusive and impactful biocultural/biodiversity conservation
6. **Discuss the ethical dimensions** of innovation from different perspectives within the biocultural/heritage/conservation research process.
7. **Share successful experiences** that can be replicated in other territories and locations
8. **Collectively** outline lessons learned for strengthening biocultural/diversity conservation research and practices *while reinforcing* collaborative networks.

Time	Topic	Objectives	Activity	Details
Monday night, December 8th – AFTER DINNER				
19:30	After dinner Opening Welcome	<ul style="list-style-type: none"> ● Provide workshop context 	Formal Welcome	<ul style="list-style-type: none"> ● Opener: <i>Host's Welcome?? (Corine/ACCA – 5 min)</i> ● Welcome by UF/Moore: Karen – (5 min.) ● Brief contextualization of the <i>Innovations in the Research Process</i> workshop organization process & guiding questions Myrian & Marisol (10 min). ● Introduce facilitators by ?(5 min?) ● Informed consent for audio recording & pictures ● Introduce full team (indicate who)
19:55	Introductions	<ul style="list-style-type: none"> ● Build community ● Create comfortable environment 	An Offering from Home Review of POC project and workshop objectives	Activity 1: An offering from home (60 min) 1. “Go-around”: Participants show item brought from home and share their name, country, institution and why they brought the item: “I brought this because []” 2. Using a sticky-note arrow, they indicate where they live/work on a map of the Amazon basin 3. Each participant leaves their item at a special place in the room – when finished, participants take time to look at the ‘collective’ creation.

				<p>Activity 2: Each participant fills out a large post-it or pre-printed sheet with their picture:</p> <ul style="list-style-type: none"> b.. Name c.. What I bring to this workshop d. What I am seeking in this workshop <p>Activity 3: Explanation of POC Project and how this workshop fits in (Karen – 10 min)</p> <p>Activity 4: Brief review of workshop objectives, agenda & guiding questions (10) + Survey: <i>Who speaks: Spanish? Portuguese? English? How fluent?</i></p>
Day 1: Tuesday 9 – What do we mean by innovation in the conservation research process?				
8:00	Welcome	<ul style="list-style-type: none"> • Create comfortable environment 	<p>Agenda/Objectives & Logistics review</p> <p>Expectations & Norms</p>	<ul style="list-style-type: none"> • Workshop objectives, agenda, logistics etc. (2 min.) • Review expectations from Virtual meeting, add any additional expectations after asking groups (10 min) • Plenary discussion of Acuerdo de Convivencia (15 min) • <i>Consent to record discussions</i>
8:30	What is Innovation in the research process?	Get everyone on the same page; <i>What do we mean by innovation in the research process?</i>	The Four Mirrors	<p>Four large flipcharts mounted on walls around the room. Each with one “mirror” & definition:</p> <ol style="list-style-type: none"> 1. Western Science (<u>biophysical & social?</u> Conocimiento científico?) 2. Traditional Ecological Knowledge 3. Tools & Technology 4. Relational Ethics/Biocultural Heritage? <ul style="list-style-type: none"> • Each poster has three short, open-ended questions (posters in Spanish, Portuguese and English) to discuss • Participants divided into 8 sm groups (5–6/per group). • Each group starts with a different poster. • Groups have 20 minutes per poster, then rotate (<i>groups divided by language?</i>) <p>Open-ended questions. (suggested by <i>theme leads</i>)</p> <p>1) Exploring how conventional scientific standards shape innovation.</p>

				<p>2) Investigating how traditional knowledge contributes to new forms of research.</p> <p>3) Reflecting on the role of technology as a catalyst or barrier to innovation</p> <p>4) Examining how ethical practices shape collaborative innovation</p> <p><u>“Western” (biophysical & social) Science</u></p> <ol style="list-style-type: none">1. What kind of evidence must be produced to be considered valid, and how does this influence what is seen as innovative?2. When has Western science advanced innovation in your research, and when has it limited collaboration or delegitimized alternative approaches?3. What is “innovation” in “western science” <p><u>TEK</u></p> <ol style="list-style-type: none">1. What kind of evidence must be produced for TEK to be considered valid?2. Whose knowledge counts as TEK, and whose is left out? How does this affect inclusive innovation?3. What is “innovation” in TEK? <p><u>Tools & Methodologies & Tech</u></p> <ol style="list-style-type: none">1. Who controls tools/Methods/Tech? Who is trained to use it, how? Who controls access to the technologies used in research, and how does this shape who gets to innovate?2. How do technology tools make knowledge more visible or more vulnerable? How do they increase equality? Inequality? How do technologies make knowledge more visible, accessible, or vulnerable? Do they promote equity or deepen inequalities in the production of innovation?3. What is “innovation” in Tools/Methods/tech?
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10:00	Break			
10:20	Cont.			<p>Groups present out in plenary – discussion</p> <ul style="list-style-type: none"> • What caught your attention in discussing each “mirror”? • What are the implications for the research process? <p><i>*The posters become a living map of the workshop's collective understanding. We can include them in the workshop report.</i></p>
11:00	What is the <u>process</u> of gaining “knowledge”?	Discuss concepts	La Chacra del Conocimiento	<p>Form small groups (4–5 people - by language?)</p> <p>Each group is assigned a “plant” (cacao, Brazil nut, manioc, beans...) to explore; they must answer the questions using their own experience.</p> <ul style="list-style-type: none"> - Seed: <i>Where does <u>knowledge and innovation</u> originate? What is its source?</i> - Soil: <i>What nurtures <u>knowledge and innovation</u> ? What conditions allow it to grow?</i> - Water: <i>What flows to sustain <u>knowledge and innovation</u>? What blocks it?</i> - Leaves/ Fruits/ Flowers: <i>Where does <u>knowledge and innovation</u> go? Who takes it? Who benefits?</i>
12:00				<p>Plenary sharing and discussion</p> <p>Note: <i>At the end facilitators recognize patterns and outliers in each part of the plant, validate the information and co-creating a collective understanding on how research “grows”.</i></p>
13:00	Lunch			
14:45			Energizer	

15:00	Poster preparation	Show & Tell of Innovative Practices	Tool Fair/Mercado	<p><i>Format:</i></p> <ul style="list-style-type: none"> • Each participant makes a poster (research process) of something <i>innovative</i> in their work (1.25 hrs) • Post posters around room (or other space) <p><i>*Participants showcase specific tools, methods or approaches in detail, with clear steps, challenges, and lessons. It's about presenting what exists and what works. INCLUDE KEY WORDS?</i></p>
16:30	Break			
16:45	Project sharing	Share successful research approaches	Sharing/viewing of posters	Half of group stands by their poster; other half chooses someone to talk to/poster to view (find someone you would like to talk to and meet with them). After 10-15 min switch.
17:45	Daily wrap-up			<ul style="list-style-type: none"> • Review day's objectives, questions and activities • Review Day II agenda • Find someone you have not yet met and introduce yourself
19:00	Dinner			
Day 2 Wednesday 10 - Innovative and ethical pathways; reshaping the research process to better Amazonian				
8:00	Opening	Set the stage	Looking back/Looking forward	<ul style="list-style-type: none"> • Brief review of Day I and introduction to Day II agenda • Opener (dinamica)
8:30	Poster sharing	Share innovative methods and tools that have led to inclusive and ethical conservation research outcomes.	Tool Fair/Mercado" continued.	<p>Format: "Go look at posters" – make sure you look at quite a few of them.</p> <p>Each participant must place their name on at least 2 posters. "I am interested in following up":</p> <ul style="list-style-type: none"> • I want to know more about the work - questions • I have resources for this person <p><u>Each poster presents one tool/method/approach using this template: (to be adapted by theme leads)</u></p> <ul style="list-style-type: none"> • What – Name, description and purpose ("using trained dogs to monitor wildlife")? • How – Steps taken, who was involved? • Why did it work– What makes it effective? • Ethical challenges – What risks arose? How were they addressed?

				<ul style="list-style-type: none"> • <i>Lessons for others</i>
10:30	Break			
10:50	Poster sharing		Tool Fair/Mercado” continued.	Tool Fair/Mercado” continued.
11:30	Debrief of poster sharing			<ul style="list-style-type: none"> • Small groups: <i>What surprised you? Aha-ha’s? New connections? Want to follow up on? Any trends?</i> • Plenary - Link to “4 mirrors” discussion and inclusive research processes
13:00	Lunch			
14:45			The Ethical Protocol - Considering and Respecting Biocultural Heritage	<p>“Based on your work, what are “innovative” examples of the steps that collaborative research projects in the Amazon can include — to be ethical, effective, and sustainable?”</p> <ul style="list-style-type: none"> • Small groups discuss and share elements/examples: (<i>have theme leads edit and/or confirm these examples</i>) <ul style="list-style-type: none"> ○ Prior informed consent documented in local language ○ Data ownership clarified before fieldwork begins ○ Benefit-sharing plan agreed in writing ○ Local co-authorship mandatory if knowledge is central ○ Archive access controlled by community • Groups present out
16:30	Break			
17:00	Discussion			<p>Plenary discussion: Take-aways</p> <ul style="list-style-type: none"> • What have you learned/done that others here could learn from, specific tools, approaches, practices • In what ways does it ensure both well-being and conservation goals in the Amazon? • Sustainability: How do you work to involve different generations? Consider gender? • <i>FOR PROJECT TEAM TO DISCUSS: Does everyone need to consider both human well being and biodiversity conservation (or visa-versa) in their research, or are we focused on collaborative/ethical approaches regardless of research focus? Contribute to both conservation goals and the well-being of different societies in the Amazon region?</i>

18:00	Power of connections	2 nd chance to network	Find 1-2 people to talk to - possible connections	
18:45	Break			
19:00	Dinner			
CONFRATERNIZACION				
Day 3: Thursday 11 - Building Connections				
8:30	Opening		Looking back/Looking forward	<ul style="list-style-type: none"> • Opener • Brief review of Day II and introduction to Day III agenda
9:00	Discussion		<p>How have diverse actors in the research process effectively collaborated?</p> <p><i>Lesson learned from workshop overall</i></p>	<p>Small group discussion</p> <ul style="list-style-type: none"> • What have we learned about innovations in the research process? • What must happen so that all parties feel that their needs are being met? • How are conflict and disagreement best managed? • <i>Authorship in publications: What are the lessons learned from the members of this group? Who should get credit and how? Best practices? (Facilitated discussion led by Marisol & an)</i> WHEN SHOULD WE HAVE THIS DISCUSSION? <p style="text-align: center;">○</p> <p>Plenary report out and discussion</p>
10:30	Break			
11:00	Theme leads presents in Plenary	(30 min aprox +)	Next steps	<p>Products from this workshop:</p> <ul style="list-style-type: none"> • Present products promised to Moore by UF • Other product ideas? Through other channels/networks/social media? • What should be shared at the February summit? • <i>Authorship in publications: What are the lessons learned from the members of this group? Who should get credit and how? Best practices? (Facilitated discussion led by Marisol & Myrian)</i> WHEN SHOULD WE HAVE THIS DISCUSSION?

13:00	Lunch			
14:45	Discussion		Next steps	How can this group stay in touch/collaborate looking forward? Facilitated brainstorm and discussion.
15:30	Break			
16:00		Power of connections (30 min?)	Find 1-2 people to talk to - possible connections	Find people whose posters you put your name on (if you have not already done so) ?????
16:30	Evaluation			<p>What are you taking away from this workshop?</p> <p><u>Formal evaluation: QR code & time to complete survey</u></p> <ul style="list-style-type: none"> • What innovative idea did you bring? • What new idea will you take home and apply? • Who did you connect with? Who will you follow up with? <p>Plenary/Participatory/Collective:</p> <ul style="list-style-type: none"> • X things you liked about the workshop? • What changes would have made the workshop better for you?
17:30	Wrap-up, conclusions and closure	Facilitated synthesis, Closing circle	Closing and conclusions	<ul style="list-style-type: none"> • Facilitated synthesis • Gallery walk of all flipcharts - in chronological order • Flipchart social network of Power of connection (participants sing with their names + symbols/drawings, and we linked their names based on the their posters's post-its) • Go back to evening #1 post its with "I bring/I want to learn..." <i>Create dinamica to include this</i> • Closing circle • Final thoughts/closure
	Certificate ceremony			
18:30	Dinner			