



# **Table of contents**

Warm welcome to you all to the 11th ESP Global Conference in Australia!	2
Organisation	3
Conference Organising Committee (COC)	
Keynote Speakers	5
Day-by-day schedule	7
Conference app	12
Conference awards	13
Useful tips	13
Sponsors advertisment	
Ecosystem Services Partnership	15
Floorplan	
Appendix I: Detailed session programs	16
Appendix II. Detailed posters program	31
Appendix III. Timetable and Rooms Overview	34
Appendix IV. Conference Program Overview	39





#### Warm welcome to you all to the 11th ESP Global Conference in Australia!

It's our pleasure to welcome you to *Garramilla*, the Aboriginal name for Darwin. Garramilla holds a special historical, culturally diverse, and unique place in Australia. The Indigenous peoples of the Darwin region are the *Larrakia* (Saltwater) people. Their stories and ceremonies echo the deep connection and understanding they have with saltwater Country over millennia.

With European settlement in the 1850s, Darwin was formally declared a city only in 1959. The city is named after the famous naturalist and biologist Charles Darwin, although he never visited the town.

As a coastal city, Darwin has experienced both human-made and natural hazards. During World War II, on 19 February 1942, a strike force of 188 carrier-borne Japanese aircraft dropped the first bombs on Darwin, killing more than 243 people. In 1974, Cyclone Tracy devastated the city in the early hours of Christmas Day, killing 66 people, injuring thousands, and forcing more than 30,000 evacuations. These experiences have perhaps contributed to people's resilience in this remarkable part of Australia.

This 11th ESP Conference is very timely, with the theme: "From Global to Local Ecosystem Services: Pathways to Nature-based Solutions Inspired from Down Under," bringing together experts from around the world. This platform enables us to collectively advance Nature-based Solutions (NbS) to tackle pressing environmental challenges, including climate change, biodiversity loss, land degradation, and water and food security, through the lens of ecosystem services knowledge. It affords us all with an exceptional opportunity to contribute towards developing a shared, thriving, and sustainable future for current and future generations.

Over the next four days, we embark on an exciting journey, featuring 11 keynote presentations and many experts leading and participating in 35 sessions across a wide range of topics. Your enthusiasm and commitment are the backbone of this conference, not just complementing the program but defining its very essence. The diversity and depth of contributions reflect your collective dedication to advancing NbS.

This year, we've chosen to host the conference in person only. Gathering face-to-face fosters deeper, more meaningful connections and collaborations, an experience that is hard to replicate virtually.

Finally, organizing an ESP Conference is a collective effort. We extend our heartfelt thanks to everyone involved. We are especially grateful to the Conference Organizing Committee, the ESP Secretariat, and our dedicated team of volunteers for their hard work and commitment over the past year. Our sincere thanks also go to our sponsors, whose generous support made this event possible.

We hope this conference offers you an open and welcoming space where new ideas emerge, collaborations are formed, and friendships are strengthened. Let's make the most of this opportunity to share our work, deepen our understanding, and inspire one another to continue advancing the ecosystem services concept for a sustainable and desirable future for all!

Assoc. Prof. Kamaljit K. Sangha Chair

Prof. Robert Costanza & Prof. Benjamin Burkhard Co-Chairs



## **Organisation**

## **Conference Organising Committee (COC)**

#### **Co-chairs**

- Kamaljit K Sangha, Charles Darwin University, Australia chair
- Benjamin Burkhard, Leibniz University Hannover, Germany co-chair
- Robert Costanza, University College London, UK co-chair

#### ESP Conference Support team/ESP Secretariat

- Diane Ingabire, Ecosystem Services Partnership/ Foundation for Sustainable Development
- Iskra Konovska, Ecosystem Services Partnership/ Foundation for Sustainable Development
- Alexandra Nardy, Ecosystem Services Partnership/ Foundation for Sustainable Development
- Angie Faust, Leibniz University Hannover

### Scientific Program Committee (SPC)

- Leimona Beria, ICRAF World Agroforestry, Indonesia
- Neville Crossman, Flinders University of Adelaide, Australia
- Luis Inostroza, Mendel University, Czech Republic
- Namue Lee, ESP-Asia office, South Korea
- Mieke Siebers, Foundation for Sustainable Development, Netherlands
- Joachim Spangenberg, Juelich Research Centre, Germany



## Organising partners





# **Conference Sponsors**







**frontiers** Frontiers in Sustainable Resource Management

# **Supporter**





# **Keynote Speakers**

#### **Robert Costanza**

University College London, UK

Creating a Sustainable Wellbeing Future for Humans and the
Rest of Nature



## Kamaljit K Sangha

Charles Darwin University, Australia

Understanding the economics of Indigenous efforts in land
management



#### **Paula Harrison**

UK Centre for Ecology and Hydrology



#### Pamela McElwee

**Rutger University** 

Co-chairs of the IPBES Nexus Assessment

Managing Ecosystem Services across the Nexus of
Biodiversity, Water, Food, Health and Climate Change



#### **Andrew Petersen**

Business Council for Sustainable Development, Australia From Risk to Opportunity: How Businesses Are Investing in Natural Capital to Unlock Growth and Resilience





### **Suzanne Thompson**

Yambangku Aboriginal Cultural Heritage and Tourism Development Aboriginal Corporation

Under the rainbow capture' through an indigenous lens and ancient practice



## **Anita Varghese**

Keystone Foundation, India

Linking Conservation, Enterprise and Livelihood in the Nilgiri Biosphere Reserve, Western Ghats, India



## Jeremy Russell-Smith

Charles Darwin University, Australia
Incentivising community-based fire management in fire-prone
savannas



## Stephen Syampungani

Copperbelt University, Zambia

Local Nature-Based Solutions for Global Future: The Case of Rehabilitation of Mining Degraded Landscapes in Sub Saharan Africa



#### **Anne Poelina**

Nulungu Institute Research University of Notre Dame, Australia *Trail for Life* 



#### **Quentin Grafton**

Australian National University, Australia

Pushing Back on Water Takeovers in Australia





# Day-by-day schedule

## **Day 1: Monday, 23 June 2025**

08:00 - 10:00 Registration & time to mount up posters (Registration desk)

10:00 - 11:00 Opening (Room: Hall 1)

- Kamaljit Sangha, Charles Darwin University, Australia
- Welcome to the country speech + dances
- Classical dance

#### 11:00 - 12:30 Keynote speakers & Discussion (Room: Hall 1)

- Robert Costanza, University College London, UK <u>Creating a Sustainable Wellbeing</u>
   Future for Humans and the Rest of Nature
- **Kamaljit Sangha**, Charles Darwin University, Australia <u>Understanding the economics of Indigenous efforts in land management</u>

12:30 - 14:00 Lunch (Foyer)

#### 14:00 - 15:30 Parallel Sessions:

- <u>B1b Navigating tomorrow's seas through integrative ecosystem service assessments and decision-support tools</u>, Y. Baulaz, et al. (*Room: Betbiyan 3*)
- O1 Ecosystem Services Derived from Protected Areas revealing their hidden value, S. Maynard, et al. (Room: Bundirrik 4)
- O2 Scaling and financing Landscape Rehydration an Innovative, Australian Nature– based solution, C. Hall (Room: Madla 2)
- R1 Implementing ecosystem services into multi-scale practices: from assessment to the realization of ecological product value, X. Sun, et al. (Room: Waterfront 1)
- <u>T13 From Interaction to Restoration: Pathways to Nature-Based Solutions through</u> Cultural Ecosystem Service (CES) in the Carbon Era, Y. Dou, et al. (*Room: Hall 1*)

**15:30 - 16:00** Coffe Break (*Foyer*)

#### 16:00 - 17:30 Parallel Sessions:

- O1 Ecosystem Services Derived from Protected Areas revealing their hidden value, S. Maynard, et al. (Room: Bundirrik 4)
- <u>O5 Ecosystem Services and NbS From Local Wisdom towards Global Sustainability</u> <u>through Artificial Intelligence and Machine Learning</u>, J. Haas, et al. (*Room: Damibila 1*)
- O6 Local food as a carrier of ecosystem services: from local to global flows, M. Derek, et al. (Room: Madla 2)
- R1 Implementing ecosystem services into multi-scale practices: from assessment to the realization of ecological product value, X. Sun, et al. (Room: Waterfront 1)

• <u>T13 - From Interaction to Restoration: Pathways to Nature-Based Solutions through</u> <u>Cultural Ecosystem Service (CES) in the Carbon Era, Y. Dou, et al. (Room: Hall 1)</u>

16:00 - 17:30 Poster session I & Welcome reception (Foyer)

## Day 2: Tuesday, 24 June 2025

08:00 - 08:30 Registration (Registration desk)

08:30 - 08:40 Opening (Room: Hall 1)

**08:40 - 10:00** Keynote speakers (*Room: Hall 1*)

- Paula Harrison, UK Center for Ecology and Hydrology and Pamela McElwee, Rutger
   University Co-chairs of the IPBES Nexus Assessment <u>Managing Ecosystem Services</u>

   across the Nexus of Biodiversity, Water, Food, Health and Climate Change
- Andrew Petersen, Business Council for Sustainable Development, Australia <u>From Risk</u> to Opportunity: How Businesses Are Investing in Natural Capital to Unlock Growth and Resilience

**10:00 - 10:30** Coffee Break (*Room: Fover*)

10:30 - 12:30 Parallel Sessions:

- O4 Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A.
   O'Grady (Room: Damibila 1)
- <u>T1b The Pacific Islands' Guide to Ecosystem and Socio-economic Resilience Analysis and Mapping (ESRAM)</u>, C. Fleming, et al. (Only invited speakers) (*Room: Betbiyan 3*)
- <u>T2a Harnessing Ecosystem Services for Climate-Resilient Agriculture and Inclusive</u>
   <u>Development</u>, V. van't Hoff (*Room: Waterfront 1*)
- <u>T2c Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem</u>
   <u>Services (IPBES) Nexus Assessment</u>, P. Harrison & P McElwee (*Room: Madla 2*)
- <u>T4 From outer space to local ecosystem service mapping harnessing state-of-the-art data, methods and tools on various spatio-temporal scales</u>, B. Burkhard, et al. (*Room: Hall 1*)
- <u>T18 Promoting Nature-Based Solutions for climate resilience: Identifying and overcoming social, institutional, cultural and financial barriers</u>, I. Coninx, et al. (Only invited speakers) (Room: Bundirrik 4)

12:30 - 14:00 Lunch (Room: Foyer)

**14:00 – 15:00** Panel Discussion (*Room: Hall 1*)

**15:00 - 15:30** Coffee Break (*Room: Foyer*)

15:30 -18:00 Parallel Sessions:

 R4 - Does a single swallow attract the storm? Community conservation initiatives in the Global South, A. Ramos-Franco & D. S. López-Cubillos (Room: Waterfront 1)

- - <u>S9a Breaking Down Barriers Incorporating Indigenous Knowledge on Ecosystem</u>
     <u>Services into Natural Resource Management, Policy, Planning</u>, S. Maynard, et al. (*Room: Bundirrik 4*)
  - <u>T2b Urban Nature in the Global South: Exploring challenges and opportunities in shaping sustainable pathways</u>, N. Chongo, et al. (*Room: Betbiyan 3*)
  - <u>T4 From outer space to local ecosystem service mapping harnessing state-of-the-art data, methods and tools on various spatio-temporal scales, B. Burkhard, et al. (Room: Hall 1)</u>
  - <u>T6 Future scenario analysis and planning of biodiversity and ecosystem services by using the Nature Futures Framework from local to national scales, O. Saito (Room: Madla 2)</u>
  - <u>T9 Urban ecosystems services and public health in a time of global warming</u>, S. Zhang, et al. (*Room: Damibila 1*)

## Day 3: Wednesday, 25 June 2025

08:00 - 08:30 Registration (Registration desk)

08:30 - 08:40 Opening (Room: Hall 1)

**08:40 - 10:00** Keynote speakers (*Room: Hall 1*)

- Suzanne Thompson, Yambangku Aboriginal Cultural Heritage and Tourism Development Aboriginal Corporation - <u>Under the rainbow capture' through an indigenous lens and</u> <u>ancient practice</u>
- Anita Varghese, Keystone Foundation, India <u>Linking Conservation, Enterprise and</u> <u>Livelihood in the Nilgiri Biosphere Reserve, Western Ghats, India</u>

10:00 - 10:30 Coffee Break (Foyer)

10:30 - 12:30 Parallel Sessions:

- Bla Blue carbon ecosystems accounting and advocating for nature-based solutions for sustainable coasts, K. Burkhard, et al. (Room: Betbiyan 3)
- S9b Developing Nature-based Solutions (NbS) incorporating Indigenous peoples and local communities' perspectives, K. K. Sangha (Room: Madla 2)
- <u>T1a An overview of the rapidly emerging field of Ocean Accounting: extending international standards towards the social and equitable valuation of ocean ecosystem services</u>, J. Gacutan (*Room: Damibila 1*)
- <u>T7b Making Nature Count: Global and local applications of monetary valuation for transformation to nature-inclusive decision-making</u>, V. van 't Hoff, et al. (*Room: Waterfront 1*)



**12:30 - 14:00** Lunch (*Foyer*)

14:00 - 15:00 Movie screening (Room: Hall 1)

Movie premiere: 'EveryOne, EveryWhere, EveryWhen' with introduction by co-directors Anne Poelina and Quentin Grafton

15:00 - 16:00 Exhibition & Poster session II (Foyer)

**15:30 - 16:00** Coffee Break (*Foyer*)

16:00 -18:00 Parallel Sessions:

- <u>Bla Blue carbon ecosystems accounting and advocating for nature-based solutions</u> for sustainable coasts, K. Burkhard, et al. (*Room: Betbiyan 3*)
- O3 Grant proposal, research writing and networking toolbox for ecosystem service researchers, O. Adeyemi, et al. (*Room: Bundirrik 4*)
- R2 Methods and practices of urban and regional ecological restoration and management, Z. Ma (Room: Damibila 1)
- <u>T7b Making Nature Count: Global and local applications of monetary valuation for transformation to nature-inclusive decision-making</u>, V. van 't Hoff, et al. (*Room: Waterfront 1*)

18:30 -21:30 Conference Dinner (Room: Hall 1)

## Day 4: Thursday, 26 June 2025

08:00 - 08:30 Registration (Registration desk)

**08:30 - 08:40** Opening (*Room: Hall 1*)

**08:40 - 10:00** Keynote speakers (*Room: Hall 1*)

- Jeremy Russell-Smith, Charles Darwin University, Australia <u>Incentivising community-</u> based fire management in fire-prone savannas
- Stephen Syampungani, Copperbelt University, Zambia <u>Local Nature-Based Solutions</u> for Global Future: The Case of Rehabilitation of Mining Degraded Landscapes in Sub <u>Saharan Africa</u>

**10:00 - 10:30** Coffee Break (*Foyer*)

10:30 - 12:30 Parallel Sessions:

- B2 Healing riverscapes: promoting nature-based solutions for conserving/restoring rivers, S. Hussein (Room: Damibila 1)
- O7 Adaptive solutions to enhance positive synergies between forest and water ecosystems, Z. Lībiete, et al. (Room: Bundirrik 4)
- O10 Climate and sustainability challenges in diverse regions, I. Konovska (Room: Hall 1)
- O11 Scholarly publishing and communication bridges traditional science with
   <u>'alternative'</u> scientific resources: the case of the ESP-born One Ecosystem journal, I.
   Boyadzhieva & B. Burkhard ) (Room: Waterfront 1)
- <u>T5a Modeling ecosystem services flows and implications for nature-based solutions</u>, K. Burkhard, et al. (*Room: Madla 2*)

• <u>T7</u>

<u>T7a - Weaving a Basket of Benefits: Bargaining over Ecosystem Service Value</u>
 <u>Interactions across Landscapes, Scales, and Institutions</u>, A. Buckwell & Edward Morgan (Only invited speakers) (*Room: Betbiyan 3*)

12:30 - 14:00 Lunch (Foyer)

#### 14:00 -15:30 Parallel Sessions:

- <u>B7 Harnessing local practices to tackle global challenges in high-latitude and high-altitude ecosystems</u>, B. Burkhard (*Room: Betbiyan 3*)
- <u>T2d Challenges on monitoring biodiversity and nature's contributions to people</u>, A. P.
   Turetta & A. Vári (Room: Waterfront 1)
- <u>T7c Updating estimates of the global value of ecosystem services for the 2020's</u>, R. Costanza (Only invited speakers) (*Room: Damibila 1*)
- <u>T14 Nature's Benefits: Learn to play an ecosystem services card game</u>, M. Russell, et al. (Only invited speakers) (Room: Hall 1)
- O9 Investing in Nature Now: How Australia's private land conservation sector is using finance to deliver for nature, S. Lynch (Only invited speakers) (Room: Madla 2)

**15:30 - 16:00** Coffee Break (*Foyer*)

16:00 -17:00 Final Keynote & Reflection (Room: Hall 1)

- Anne Poelina, Nulungu Institute Research University of Notre Dame, Australia
   Trail for Life
- Quentin Grafton, Australian National University, Australia <u>Pushing Back on Water</u>
   <u>Takeovers in Australia</u>

17:00 - 17:30 Awards and Closing ceremony (Room: Hall 1)

## Day 5: Friday 27 June, 2025

07:30 - 23:00

#### Field trips:

We have carefully selected four exceptional sites for the field trips, each of which is recognized for its ecological significance and rich cultural history.

- Wetland Cruise Day Tour
- Litchfield NP & Crocodile Cruise Day Tour
- Litchfield NP Day Tour (indigenous experience)
- Turtle Tracks



# Conference app

To reduce printing and our CO2 footprint, the COC has decided to offer a conference app instead of a printed program booklet. This version of the program booklet will only be provided as a download on <u>the conference website</u>, in case you prefer all the information in one file.

To access the ESP11 Conference app, please go to your app store, download the app 'ESP11'. You can also download the app here or by scanning the QR code below:



After installing the app, you can:

- · Access the event program and speakers list
- Create your own daily schedule that will guide your through the day
- Stay informed and receive the latest messages and news
- Connect with attendees, speakers and exhibitors (both onsite and online)
- Find more information about the organisers and sponsors
- Find more information about the venue, locations, conference dinner
- Take notes during sessions
- Rate the posters

After downloading the app, don't forget to enable push notifications to stay up-to-date on the latest happenings and important news!



## **Conference awards**

<u>The poster session</u> will be held on Monday, June 23rd, from 17:30–19:30 and on Wednesday, June 25th, from 14:00–15:30. As a poster session participant, you will be able to vote for the best poster through the conference app. All posters will be provided with an ID to enable the voting.

The poster winners will be announced during the closing session on Thursday, 26 June.

## **Useful tips**

To make your stay as pleasant as possible, hereby some tips for your stay:

- WiFi is freely available at the venues for the conference guests.
- If you would still like to join the excursions or conference dinner, please check on Monday at the information desk if there is still availability to sign up.
- When attending the excursion, please make sure to wear comfortable shoes. Make sure to check the details on the <u>excursion</u> page. Also, take any necessary personal medication.

# **Sponsors advertisment**







Over the last 30 years, Pensoft has partnered in 60+ scientific project consortia and published 25,000 open-access research papers in over 70 peer-reviewed journals.

#### SCIENCE PUBLISHING, TECHNOLOGY AND COMMUNICATION















SELINA provides guidance for evidence-based decision-making that supports the protection, restoration, and sustainable use of our environment.

By offering practical guidance to public and private stakeholders, SELINA will help drive the societal change needed to meet the goals of the EU Biodiversity Strategy 2030 and the Green Deal.



🛖 project-selina.eu 🛭 🕜 🕞 💿 🛞











The SELINA project receives funding from the European Union's Horizon Europe the European Union programme under grant agreement 101080415.





# **Ecosystem Services Partnership**

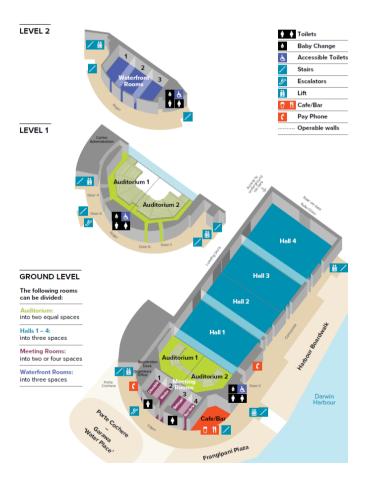
The <u>Ecosystem Services Partnership</u> (ESP) aims to enhance communication, coordination and cooperation, and to build a strong network of individuals and organizations. ESP enhances and encourages a diversity of approaches, while reducing unnecessary duplication of effort in the conceptualization and application of ecosystem services.



ESP connects over 3000 ecosystem services scientists, policy makers and practitioners who work together in more than 40 Working Groups and a growing number of National Networks on all continents. ESP is a membership based organisation, both institutional and individual members can subscribe. The Partnership has a specified governance structure and Executive committee.

## Floorplan

(also available in the mobile app)





# **Appendix I:**

## **Detailed session programs**

This section provides the time schedules for the workshops as far as known upon production of this booklet. Check for possible deviations or updates at the registration desk or on the conference app.

The session programs are arranged per day:

#### • Day 1: Monday, 23 June 2025

#### Afternoon Session: 14:00 – 15:30

B1b - Navigating tomorrow's seas through integrative ecosystem service assessments
and decision-support tools

Room: Betbiyan 3

Hosts: Y. Baulaz, Y. Ghoussein, J. Vanaverbeke, I. Galparsoro, B. Sparrow-Scinocca, R.

Fofack-Garcia, M. Mouchet

Time	Name	Title of Presentation
14:05 – 14:20	M. Mouchet	Balancing Marine Spatial Planning, Ecosystem Services, and
14.05 - 14.20	M. Mouchet	Human Activities in the Bay of Biscay
14:20 – 14:35	K. Tin	Island Ecosystem Services: Unravelling the Interactions Between
14.20 - 14.35	N. 1111	Marine and Terrestrial Systems
14:35 – 14:50	B. Sparrow-	Utilising trait-based approaches to understand offshore wind
14.55 - 14.50	Scinocca	impacts on benthic ecosystem process and services
		From ecosystem service mapping to maritime spatial planning: a
14:50 – 15:05	Y. Baulaz	trophic-based approach to inform decision making in the
		context of offshore wind farm development
		Access ecosystem service for maritime spatial planning: A
15:05 - 15:20	Y. Baulaz	Bayesian belief network framework for evaluating offshore wind
		farm effects on the access to seafood supply

#### 01 - Ecosystem Services Derived from Protected Areas - revealing their hidden value

Room: Bundirrik 4

Hosts: S. Myanard, S. Driml, C. Schupp, N. Conner, K. Sangha

Time	Name	Title of Presentation
14:00 – 14:20	S. Maynard, N.	Session Organisers' introduction to workshop – agenda, aim,
14.00 - 14.20	Conner	outputs
14:20 – 14:35	S. Maynard	An Assessment and Valuation of Ecosystem Services Derived
14.20 - 14.33	S. Mayriard	from National Parks in Queensland (Australia)
14:35 – 14:50	E Toylo	Valuing the ecosystem services of an urban Ramsar site in
14.55 – 14.50	14:35 – 14:50 E. Taye	Ghana; prospects for policy and decision making
14:50 – 15:05	B. Fitzpatrick	Oceania perspectives on Ecosystem Services in Protected
14.50 - 15.05	b. Fitzpatrick	Areas: recognising local values and contexts
		Ecosystem Services Derived from Protected Areas [Czech
15:05 - 15:20	J. Drlíková	Republic]- revealing their hidden value: Systematic participatory
		assessment of ecosystem services trade-offs in protected areas



15:20 - 15:30	C. Schupp	Session wrap-up and prelude to the second stage of the session

## R1 – Implementing ecosystem services into multi-scale practices: from assessment to the realization of ecological product value

Room: Waterfront 1		
Hosts: X. Sur	n, Q. Huang, H. Liu	u, Y. Dou, B. Han
Time	Name	Title of Presentation
14:00-14:15	S. Wu	Future Food-Biodiversity Trade-offs in China under Localized
14.00-14.15	S. Wu	SSP-RCP Scenarios
		Trade-offs in Ecosystem Services from Bamboo Forest
14:15-14:30	C. Li	Expansion: A Dual-Scale Analysis of Global Carbon Storage and
		Local Environmental/Disaster Risks
14:30-14:45	A. Sosnowska	Climate Change Challenges and Nature-Based Solutions in
14.50-14.45	A. JOSHOWSKa	Medium-Sized Cities: A Case Study of Mińsk Mazowiecki, Poland
14:45-15:00	C. Bradley	Operationalising the concept of critical natural capital to
<u></u>	C. bi adiey	understand and manage nature dependency risk
		Assessing the impact of drought on ecosystem services and
15:00-15:15	Y. Zhou	human well-being: Evidences from Beijing-Tianjin-Hebei urban
		agglomeration, China
		Corporate nature-positive action typologies and their potential
15:15-15:30	Y. Takahashi	contribution to ecosystem services: Empirical results from a
		regular corporate survey in Japan
		Planning and strategy of key areas for land space ecological
15:30-15:45	G. Zhang	restoration in the Nanling Mountain ecological barrier area: a
		case study in Yingde City

# T13 - From Interaction to Restoration: Pathways to Nature-Based Solutions through Cultural Ecosystem Service (CES) in the Carbon Era

Room: Hall 1		
Hosts: Y. Dou	Hosts: Y. Dou, T. Li, R. Pandey	
Time	Name	Title of Presentation
14:00-14:12	G. Avila- Flores	Cultural Ecosystem Services in Mangroves and Salt Marshes of Baja California Sur, Mexico: A Comparative Analysis and Conservation Challenges
14:13-14:24	E. Gomes	Assessing Cultural Ecosystem Services in a changing landscape: land-use dynamics and restoration pathways in Alqueva, Alentejo
14:24-14:36	M. Blicharska	Small Waters, Big Values: Integrating Cultural and Regulating Ecosystem Services in Pond and Wetland Restoration
14:36-14:48	Y. Chen	Bridging people and nature: Public preference for different Nature-based solutions and the underlying factors
15:48-15:00	L. Sheng	Nature-based Solutions (NbS) in China: implementation and practice modes
15:00-15:12	L. Pan	Investigating the influence of species characteristics on habitat ecosystem services: The Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase I), a UNESCO World Natural Heritage Site



		Incorporating Biodiversity Value in the Commercialization
15:12-15:24	T. Ota	of Medicinal Herbs from A Carbon Project Site: A Case
		Study from Central Kalimantan, Indonesia

### **Afternoon Session: 16:00 – 18:00**

O1 - Ecosyste	em Services De	erived from Protected Areas - revealing their hidden value
Room: Bundir	rik 4	-
Hosts: S. Mya	nard, C. Schupp	o, N. Conner, K. Sangha
Time	Name	Title of Presentation
16:00 – 16:10	K. Sangha	Summary of the first stage of the session, goals and objectives; Introduction to the second stage of the session
16:10 – 16:25	M. L. Moreno Diaz	The Socioeconomic Value Generated by Protected Areas [Costa Rica]: Beyond Their Own Limits
16:25 – 16:40	N. N. Septiani	Using the Ocean Governance Account to Acknowledge the Benefits from Marine Protected Areas in Indonesia
16:40 – 16:55	C. Schupp	Nature-based Solutions for Ecosystem Resilience and Community Well-being in the US National Parks
16:55 – 17:30	Hosts	Session Organisers wrap-up presentation session and drafting of business case and journal special issue
-	y through Artifi	nd NbS – From Local Wisdom towards Global icial Intelligence and Machine Learning
	s, V. van't Hoff	
Time	Name	Title of Presentation
16:00-16:05	Hosts	Introduction
16:05-16:25	R. Costanza	Keynote
16:25-16:45	X. Liu	Urban Dust-Proof Nets Covering Extraction and its Indications to Urban Regeneration Spatial Pattern in Beijing based on Multisource Data.
16:45-17:05	Z. Lin	Evaluating the Efficiency of Nature-Based Solutions: A Data Envelopment Analysis - Machine Learning Approach
17:05 – 17:30	V. van't Hoff	A Community Perspective on AI in ES Science and Practice
		of ecosystem services: from local to global flows
Room: Madla		
Hosts: M. Der		
Time	Name	Title of Presentation
16.00-16.10	M. Derek, S. Kulczyk	Introduction to the session
16.10-16.20	M. Derek, S. Kulczyk, A.Górna, A. Gerlee, L. Inostroza	Landscapes and food. Assessing the co-production of ES within local food
16.20-16.30	K. Mavakala	Alternative Proteins to Bushmeat in Kinshasa: From One Problem to Another? Exploring the Resilience of Small Producers in the Face of Competition

16.30-16.40	P. Shayo, A. C. Treydte	Ethnobotany of Oyster nut ( <i>Telfairia pedata</i> ) in Northern Tanzania
16.40-16.50	P. Shayo, E. F. Mwakasege	Potential of Oyster nuts: Composition and health benefits
16.50-17.00	J. Van Itterbeeck, T. Phusakon, C. Buamas, P. Klaiprasitti, N. Pinkaew, M. Van Der Borght, D. Vandeweyer, A. Pekas, F. Wäckers, D. Wiwatwitaya, J. Broeck	Chemical control does not outperform weaver ant biocontrol in Thai mango
17.00-17.30	M. Derek, S. Kulczyk	Discussion

# R1 – Implementing ecosystem services into multi-scale practices: from assessment to the realization of ecological product value

Room: Wate	rfront 1	
Hosts: X. Sur	Hosts: X. Sun, Q. Huang, H. Liu, Y. Dou, B. Han	
Time	Name	Title of Presentation
16:00-16:15	U.	Water for Energy, Local Knowledge for Forests: Jurisdictional
10.00-10.15	Purnamasari	Watershed-Based Payment Mechanisms in Jambi, Indonesia
		Comprehensive Preference Assessment of Green-Blue
16:15-16:30	H. Zhou	Infrastructure (GBI) in Suzhou: Integrating Visual Aesthetics,
10.10-10.30	n. Znou	Spatial Perception, and Ecological Function for Synergistic
		Optimization
		Risk Assessment and Prevention and Control Pattern
16:30-16:45	H. Zhang	Construction of Non-point Source Pollution in Qiantang River
		Basin
		Greenspace exposure and its dual role as mediator and
16:45-17:00	H. Liu	moderator in the relationship between urban density and mental
		health
		Integrating Cultural Ecosystem Services into Ecological
17:00-17:15	Y. Dou	Restoration: Enhancing Mental Health through Landscape
		Transformation in Shenzhen
17:15-17:30	X. Sun	Advancing the spatial optimization of ecosystem service supply-
17.13-17.30	A. Juii	demand and flow to promote regional landscape sustainability

## T13 - From Interaction to Restoration: Pathways to Nature-Based Solutions through Cultural Ecosystem Service (CES) in the Carbon Era

Room: Hall 1		
Hosts: Y. Dou	u, T. Li, R. Pandey	/
Time	Name	Title of Presentation
15:40-15:52	U. Kachel	Building community for climate action, environmental engagement and nature-based solutions: A university's social events as experiments

Á	* ·			00000
000000	0		0000	0
2000		0000	0	
000000	30°0°			
		4	- ~	10

15:52-16:04	5:52-16:04 L. Chibambo	Promoting Agroecology and Indigenous Knowledge in
15.52-16.04 L. Chibambo	L. Chibanibo	Sustainable Food System - Nyimba District, Zambia.
16:04-16:16 S. B. Deb	Natural Resources, Participation and Communities: An	
	3. b. Deb	Hypothesized Framework for a Change Hierarchy
16:16-16:28 T. Li	т і:	Integrating Soil Carbon Modelling into Restoration Practice to
	I. LI	Support Cultural Ecosystem Services
16:28-16:40	G. Niu	Optimizing forest soil carbon multi-pool management through
10.26-10.40 G. NIC	G. Mu	nature-based fauna solutions
16:50 – 17:30	Hosts	Discussion

### • Day 2: Tuesday, 24 June 2025

### **Morning Session: 10:30 – 12:30**

O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values

Room: Damib	oila 1		
Hosts: A. O'G	Hosts: A. O'Grady		
Time	Name	Title of Presentation	
10:30-10:35	A. O'Grady	Session Introduction	
10:30-10:45	C. Rojas	Nature-based Solutions in zones of high multifunctionality: a land-value capture approach	
10:45-11:00	K. Melvani	Bioremediation is a sustainable way to provide drinking water to rural communities: the case of the Kalpitiya Peninsula in Sri Lanka	
11:00-11:15	G. Lin	Building a community circular economy: a solution to address the landscape simplification problem in traditional pond-dike areas	
11:15-11:30	T. Dick, A. Jarret	Integrating Bundjalung Cultural Knowledge and disaster recovery: A transformative model for sustainable timber systems	
11:30-11:45	A. O'Grady	Pathways to nature positive: a biodiversity assessment from BHP and CSIRO	
11:45-12:00	M. Blicharska	Multiple understandings of multifunctional landscapes in Sweden	
12:00-12:30	Host	Discussion & closing of session	

## T2a – Harnessing Ecosystem Services for Climate–Resilient Agriculture and Inclusive Development

Room: Water	front 1		
Hosts: V. van'	Hosts: V. van't Hoff		
Time	Name	Title of Presentation	
10:30 - 10:35	V. van't Hoff	Welcome and overview of the session	
10:35 - 10:50 (teams meeting)	S. Goswami	Identifying Key factors for enhancing farmers' income through adoption of trees growing as a nature-based solution in Bihar, India	
10:50 – 11:05	A. De Mattos e Avila	Effects of Organic Compost Application on Nitrogen Availability and Soil Physical Properties: A Case Study in Farms of Queensland, Australia	
11:05 – 11:20	W. Ragg	Reimagining Data Visualisation	
11:20 – 11:35	R. Pandit	Barriers and Opportunities to Invest in Natural Capital Production Landscapes: Learnings from Investors and Growers Surveys	
11:35 – 12:30	V. van't Hoff	General discussion	



#### T2c - Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Nexus Assessment

Room: Madla 2

Hosts: P. Harrison, P. McElwee		
Time	Name	Title of Presentation
10:30 - 10:35	P. Harrison	Welcome and overview of the session
10:35 – 10:45	P. Harrison	Introducing the IPBES Nexus Assessment of the Interlinkages
10.33 - 10.43	P. Harrison	among Biodiversity, Water, Food, Health and Climate Change
		Past and Current Trends in Biodiversity's Interactions with Water,
10:45 - 11:00	P. Ribero Prist	Food, Health and Climate Change: Evaluating Environmental,
		Social And Economic Impacts
11:00 – 11:20	R. McFarlane	Response Options to Address the Interlinkages among
11.00 – 11.20		Biodiversity, Water, Food, Health and Climate Change
11:20 – 11:35	V. Alonso	Integrating Biodiversity into Solutions to Address Interrelated
11.20 - 11.33	Roldán	Global Crises
11:35 – 11:50	K. Sangha	Public and Private Finance Options to Conserve Biodiversity and
11.55 – 11.50		Enhance Connections across Nexus Elements
11:50 – 12:05	P. McElwee	A Road Map for Nexus Action
12:05 - 12:15	T. van Huysen	Uptake of the Nexus Assessment report
12:15 - 12:30	P. McElwee	General discussion / Q&A

#### T4 - From outer space to local ecosystem service mapping - harnessing state-ofthe-art data, methods and tools on various spatio-temporal scales

Room: Hall 1

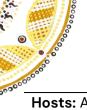
Hosts: B Burkhard P Pereira

Time	Name	Title of Presentation
10:30	B. Burkhard	Session Introduction
10:35	P. Pereira	Mapping Ecosystem Services. A resume from several systematic revisions
10:50	T. Rodrigues	Ecosystem services and biodiversity of the Atlantic Forest: mapping and quantification in contemporary scenario models
11:05	R. Bicudo da	Secondary natural vegetation cover increases in the Atlantic
11.05	Silva	Forest are important but not offset carbon and habitat losses
11:20	L. Meister	Long term analyses reveal losses in regulating ecosystem
11:20	L. Meister	services in southern Atlantic Forest
		Using maps of ecosystem service change to help communities
11:35	B. Burkhard	adapt to climate change risks in the Coorong, Lower Lakes and
		Murray Mouth, South Australia
11.50	D. Dom	Evaluation of ecosystem service supply and flow from human
11:50	P. Dem	intervention and intergenerational sustainability perspective.
10.05	D. Duitan	Land Use Trade-Offs Version 2: a next generation, national-scale
12:05	B. Bryan	model of land-use and ecosystem services for Australia
12:20	Host	Closing

#### **Afternoon Session: 15:30 – 18:00**

R4 - Does a single swallow attract the storm? Community conservation initiatives in the Global South

Room: Waterfront 1



Hosts: A. Ramos-Franco, D. S. Lopez-Cubillos		
Time	Name	Title of Presentation
15:30 – 15:45 A. Ramos-	Welcome speech - Does a single swallow attract the storm?	
10.50 - 10.45	Franco	Community conservation initiatives in the Global South
		Empirical Evidence of Climate Change Adaptation Benefits of
15:45 – 16:00	Y. W. Githiora	Community Co-Designed REDD+ Projects in Africa: Case of Mai
		Ndombe and Kasigau Corridor REDD+ projects
16:00 – 16:15	R. Meha	Farm system design principles based on indigenous
10.00 - 10.15	R. Mena	knowledge: the case of Maori farmland in New Zealand
16:15 – 16:30	D. Jarvis	Including Indigenous Values and Mental Models for Improved
10.15 - 10.50		Human-Nature Systems
16:30 – 16:45	H.	Place-based weeds to wealth approach: A case study on a
10.30 - 10.43	Puttahariyappa	community-based, localized model for managing invasive
16:45 – 17:00	A. N. Kabango	Advancing Ecosystem Restoration: Empirical Insights from
10.45 - 17.00		Malawi
17:00 17:15	D. Ashby	Using biocultural indicators of climate adaptation to maintain
17:00 – 17:15	R. Ashby	and enhance ecosystem services at a Ramsar
17:15 – 17:30	K. Melvani	Coastal forest restoration and climate resilience: learning from
17.10 - 17.30		Sri Lanka
17.00 10.00	A. Ramos-	
17:30 – 18:00	Franco	Questions, conclusions and session closing

#### S9a - Breaking Down Barriers - Incorporating Indigenous Knowledge on Ecosystem Services into Natural Resource Management, Policy, Planning

Room: Bundirrik 4			
Hosts: S. May	Hosts: S. Maynard, K. Sangha, J. Thomas, H. A. Harahap, N. Conner		
Time	Name	Title of Presentation	
15:30 – 15:50	S. Maynard, K. Sanghat	Session Organisers' introduction to workshop – agenda, aim, outputs	
15:50 – 16:05	J. Thomas	Takhoma's NDN Center: Sacred Circle Views	
16:05 – 16:15	N. Crameri, Y. Mununggurr, L. Mununggurr	Managing invasive ungulates and carbon on coastal floodplain wetlands of northern Australian Indigenous Protected Areas	
16:15 – 16:30	S. Maynard	Ecosystem-Based Adaptation to Climate Change of Indigenous Women in Indonesia (Sumatra) and Australia (Queensland)	
16:30 – 16:40	N. Conner	Summary of the first stage of the session, goals and objectives; Introduction to the second stage of the session	
16:40 – 16:55	C. Ly	Environmental Defenders and Global Environmental Governance: A feminist political ecology analysis	
16:55 – 17:10	H. Harahap	No Cent in Incentives: Sustaining Ecosystem Services through Indigenous Payment Practices in Tapanuli, Indonesia	
17:10 – 17:25	S. Leyton Flor	Beyond Ecological Recovery: Embedding Indigenous Knowledge in Mine Rehabilitation for Sustainable Futures	
17:25 – 18:00	Hosts	Session Organisers wrap-up presentation session, and participant drafting of journal article and policy brief	

# T2b – Urban Nature in the Global South: Exploring challenges and opportunities in shaping sustainable pathways

Room: Betbiyan 3 Hosts: N. Chongo

,	CHEST	00000
44	© COCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCO	0000
<b>EN</b>	0,000	
0000000	<b>T</b>	_

Time	Name	Title of Presentation
15:30 – 15:35	Host	Introduction
		Understanding the seasonal pattern and factors affecting
15:35 – 15:50	M. Das	cooling effect of blue spaces: a case from a mega metropolitan
		area (India)
15:50 – 16:05	D. W. Cirino	Mapping cultural ecosystem services in a global south
10.00 10.00	D. VV. OITITIO	megacity: the supply, the demand and the challenges
		Understanding Community Perceptions and Preferences to
16:05 – 16:15	A. K. Verma	Develop Sustainable Urban Forestry Strategies in Varanasi,
		India
16:15 – 16:30	A. Adhruj	Citizens' perceptions of urban biodiversity and ecosystem
10.15 - 10.50	A. Adriruj	services in Bhopal, central India
		Urban Nature in the Global South: Exploring Challenges and
16:30 - 16:40	N. Chongo	Opportunities in
		shaping sustainable pathways.
16:40 – 16:55	S Dowy	Sky Islands in the City: Reimagining Roofscapes for Urban
10.40 - 10.55	S. Devy	Biodiversity and Human Well-being
16:55 – 17:10	K. Nadiradze	Strengthening Ecosystems in Georgia through Agroecology,
10.55 - 17.10	n. Naulfauze	Nature-Based Solutions, and Biodiversity Conservation
17:10 – 18:00	Host	Discussion & Closing

## T4 – From outer space to local ecosystem service mapping – harnessing state-of-the-art data, methods and tools on various spatio-temporal scales

Room:	Hal	11
-------	-----	----

Hosts: B. E	Hosts: B. Burkhard, P. Pereira		
Time	Name	Title of Presentation	
15:30	S. Stewart	Quantifying the shade, shelter and productivity benefits of agroforestry: global modelling to inform farm-scale assessment	
15:45	K. Bryant	Data without Borders: Harmonising data on the co-benefits of carbon farming with the Co-benefits Tool	
16:00	E. Mackereth	Exploring the Impact of Conservation Agriculture on Wind Erosion on South Australia's Eyre Peninsula	
16:15	S. Kulczyk	Between numbers and narratives: mapping cultural ecosystem services	
16:30	K. Hayashi	Culture ecosystem service assessment focusing on beneficiary movement	
16:45	G. Barber	A new method of estimating increases in woody vegetation cover for carbon offset projects in Australia's semi-arid zone	
17:00	S. Adhikari	Identification, Prioritization and Mapping of Ecosystem Services in the Panchase Mountain Ecological Region of Western Nepal	
17:15	Hosts	Discussion & Closing	

## T6 – Future scenario analysis and planning of biodiversity and ecosystem services by using the Nature Futures Framework from local to national scales

Room: Madla 2

Hosts: O. Saito			
Time	Name	Title of Presentation	
15:30-15:35	O. Saito	Aims and overview of the session	
15:35-15:50	W. Huang	Future land use and ecosystem service projection for Japan SSPs	



15:50-16:05	M. Toyoda	Evaluation of Satoyama Landscape and Co-creation of
		Sustainable Scenarios on Sado Island, Niigata, Japan
16:05-16:20	A. Yamabe	Local Pathways to Nature-Positive Food Systems: Insights from
10.05-10.20	A. Tamabe	Japan's Local Biodiversity Strategies and Action Plans
16:20-16:35	T. Varaakita	Changes in coastal ecosystem services via climate and
10.20-10.33	T. Yamakita	socioecological transformation and its scaling law
16:35-16:50	C. Haga	Integrated Assessment Modeling at the Local Scale: Pathways
10.33-10.30		to a Better Nature Future
		Bottom-up scenario development and integrated modelling to
16:50-17:05	Y. Takahashi	inform landscape and seascape governance in Minami-Sanriku
		town, northern Japan
17:05 17:20	R.	From Vision to Action: Co-Creating Nature-Positive Fisheries
17:05-17:20	Ramachandran	Futures in Timor-Leste
17:20-17:35	O.Saito	Comprehensive Inventory and Policy Support Tool for
		Biodiversity and Ecosystem Services
17:35-18:00	O. Saito	Discussion and closing

#### T9 - Urban ecosystems services and public health in a time of global warming

|--|

Hosts: S.	Zhang,	B.	Hong
-----------	--------	----	------

Tioses O. Zhang, B. Hong		
Time	Name	Title of Presentation
15:30 – 15:35	Hosts	Introduction
15:35-15:50	X. Han, G. Song, Y. Ge, Y. Zhou	Study on River Landscape Mode of Waterfront City with High Density Based on Ecological RestorationTaking an example of Yan'an
15:50-16:05	M. Kocian	Quantifying the Public Health and Economic Benefits of Blue- Green Infrastructure in Cities Across the United States
16:05-16:20	S. Zhang	Analysis of the Characteristics of Urban Heat Island Intensity of Old and New Urban Communities in Chengdu, China
16:20-16:35	A. Russo	Bringing Nature Back to Cities: Distinctions and Synergies in Regreening, Renaturing, and Rewilding for Ecosystem Services and the Nature–Health–Climate Nexus
16:35-16:50	D. Li, L.R. Carrasco	Global matching of supply and demand of urban heat mitigation by green and blue spaces under climate change
16:50-17:05	K. Chen	Urban Diagnosis and Healing Based on Micro Water Systems from a Holistic Health Perspective: A Case Study of the Yulin Area in Chengdu
17:05-17:20	S. Pandey, S. Nandy, G.Talukdar	Beyond the Concrete Jungle: A Satellite-based Approach to Mapping Urban Green Spaces and Urban Heat Islands
17:20-18:00	Hosts	Question and Discussion

# • Day 3: Wednesday, 25 June 2025

#### **Morning Session: 10:30 – 12:30**

B1a - Blue carbon ecosystems - accounting and advocating for nature-based solutions for sustainable coasts

Room: Betbiyan 3

, in	0000
7	0
Sec.	
200	e Posts:
000000	Hosts:

Hosts: K. Burkhard, M. Inácio, L. Brander, S. Dittman, J. Tingey, J. Connor		
Time	Name	Title of Presentation
10:30-10:40	Hosts	Welcome and Introduction, 1st slot
10:40-10:55	J. Tingey-	The South Australian Blue Carbon Project: Accounting and
10.40-10.55	Holyoak	advocating for coastal restoration
	J. Tingey-	Boundary setting, measurement and management: How
10:56-11:11	Holyoak	accounting can help support decision making about the health
_	Tioryouk	of our coasts
		An Ecosystem Service Accounting Monetary Valuation Quality
11:12-11:27	J. Connor	Assessment Framework and Application to Australian Blue
		Carbon Projects
11:28-11:43	D. Jarvis	First Nations perspectives on accounting for the benefits of
		wetland restoration on traditional Country
		Piloting SEEA EA in the Maldives - assessing blue carbon
11:44-11:59	J. Gacutan	ecosystems, their management and implications for financial
		instruments
12:00-12:30	Hosts	Discussion

# S9b - Developing Nature-based Solutions (NbS) incorporating Indigenous peoples and local communities' perspectives Room: Madla 2

Room: Madla 2  Hosts: K. Sangha			
Time	Name	Title of Presentation	
10:30-10:32	K. Sangha	Welcome and Introduction of the session	
10:32-10:42	R. Ahammad	A review of PES in Australia	
10:42-10:52	L. Woolley	Australian North Kimberley Right-Way Fire – a NbS for Climate	
10:52-11:02	M. Kocian	Indigenous-Led Nature-Based Solutions: Advancing Sustainable	
10.52-11.02	M. NOCIAIT	Stewardship through Ecosystem Valuation	
11.00 11.10	A Dl	Building Conservation Economies through Ecotourism in Kerala,	
11:02-11:12	A. Bhardwaj	Southern Western Ghats, India	
11.10.11.00	0.0.14:::	Inclusive nature-based solutions for local communities: Lessons	
11:12-11:22	C. G. Mitincu	from European case studies	
		Institutionalizing Nature-Based Solutions into IPLC-Led Forest	
11:22-11:32	U.	Management: Historical Governance, Policy Evolution, and	
	Purnamasari	Impacts on Forest Protection in Indonesia and the Philippines	
		Smallholders' preferences for incentives for upscaling adoption	
11:32-11:42	J. Montoya-	of biodiversity-friendly cocoa agroforestry in the Peruvian	
11.02 11.42	Zumaeta	Amazon	
11:42-11:52	E. Shacham +	Exploring implementation of the IUCN Global Standard on NbS	
(Zoom link)	S. Orchard		
(ZOOM IINK)		through the lens of case studies from around the globe	
11:52-12:02	T. Dick, A.	Caring for Country and Insect Phenology: Integrating Indigenous	
	Jarret	Knowledge for Resilient Horticultural Systems	
12:02-12:12	L. Chibambo	Restoring Luapula landscape to support biodiversity	
	L. CHIDAITIDO	conservation and community livelihood- Milenge District, Zambia	
12:12-12:22 (online)	O. Metcalf	Situation analysis of the Martuwarra Fitzroy River catchment—	
		toward ecosystem service economies respecting Martuwarra	
		Living Waters and peoples of Martuwarra	
12:22-12:30	Host	Closing of session	

# T1a - An overview of the rapidly emerging field of Ocean Accounting: extending international standards towards the social and equitable valuation of ocean ecosystem services

Room: Damibila 1				
Hosts: J. Gac	Hosts: J. Gacutan			
Time	Name	Title of Presentation		
10:30 – 10:35	J. Gacutan	Welcome and introduction to session – objectives and outcomes		
10:35 – 10:50	M. Alarcon	A Global Analysis of Current Patterns, Drivers and Challenges in		
10.55 - 10.50	Blazquez	Ocean Accounting Implementation		
10:50 – 11:05	M. Inácio	System of Environmental Economic Accounting – Ecosystem		
10.50 – 11.05		Accounting in coastal and marine areas: a systematic review		
		National legal and policy, governance, and collaboration		
11:05 - 11:20	A. K. Rahayu	frameworks for ocean accounts implementation: lesson learned		
		from Indonesia		
11:20 - 11:35	M. Inácio	Ecosystem accounting in coastal and marine areas of Lithuania		
11:35 – 11:50	M. Alarcon	Putting people at the heart of ocean decision-making: the		
11.55 – 11.50	Blazquez	integration of social considerations in ocean accounting.		
11:50 – 12:05	M. Burnside	Ocean Accounts: Supporting Poverty Alleviation and Preventing		
		Harmful Decisions in Coastal Communities		
12:05 12:20	J. Gacutan	Next steps for Ocean Accounting – strengthening links with the		
12:05 – 12:30		ESP community (Workshop)		

## T7b - Making Nature Count: Global and local applications of monetary valuation for transformation to nature-inclusive decision-making

Room: Waterfront 1				
Hosts: V. van	Hosts: V. van't Hoff, M. Eigenraam, Z. Gelman			
Time	Name	Title of Presentation		
10:30-10:40	V. Van 't Hoff	Introduction to timeslot 1, monetary valuation and the ESVD		
10:40-10:52	U. Saeed	Economic valuation of ecosystem services for indigenous		
(online)	o. saeeu	communities of Chitral Valley in the Hindu Kush range, Pakistan		
10:52-11:04	H. Wang	Valuing the Recreational Ecosystem Services of Japan's National		
10.52 11.04	i i. vvarig	Park: Applying Mobile Data to the Travel Cost Method		
		An Evaluation of Soil Carbon Sequestration in Various Land Uses		
11:04-11:16	O. Naik N	in Maharashtra's Konkan Region: An Ecological and Economic		
		Perspective		
11:16-11:28	Hosts	Mentimeter breakout		
11:28-11:40	K. Aun	Valuing Nature's Contributions: Mapping and Semantics of the		
11.20-11.40		Methods for Ecosystem Service Valuation		
11:40-11:52	J. He	Internalizing externalities for Green is Gold: scenario analysis of		
11.40-11.52		sustainable agriculture in China's policy context		
		Using scenario analysis and spatial mapping to identify nature-		
11:52-12:04	J. Kath	based solution 'win-wins' for rural communities and the		
		environment		
12:05-12:25	Hosts	Breakout groups – discuss questions tbd		
12:20-12:30	M. Eigenraam	Closing		



#### **Afternoon Session: 16:00 - 18:00**

## B1a - Blue carbon ecosystems - accounting and advocating for nature-based solutions for sustainable coasts

Room: Betbiyan 3

Room: Betbiyan 3		
Hosts: K. Burkhard, M. Inácio, S. Dittman, J. Tingey, J. Connor		
Time	Name	Title of Presentation
16:00-16:05	Hosts	Welcome and Introduction, 2nd slot
16:06-16:21	A. Rosdiana	Utilising ocean accounts to support blue carbon
10.00-10.21	A. NOSCIANA	measurement and management in Indonesia
		Options and opportunities for financially viable carbon
16:22-16:37	T. Carruthers	offsets from herbaceous tidal wetlands in dynamic coastal
		ecosystems
16:38-16:53	K. Burkhard	Ecosystem Services of Blue Carbon Ecosystems - a
10.30-10.33		Systematic Map
16:54-17:09	A. Forkink	Nature-based Solutions and Stakeholder Engagement for
10.54 17.05		Informed Land-Use Decisions
17:10-17:25	B. Fitzpatrick	Restoring coastal fisheries through sustainable development
		in Indonesia.
	C. Shuzhen	Study on the Evolutionary Characteristics, Multi-Scenario
17:26-17:41		Simulation and Ecosystem Service Optimization Strategies
		of Production-Living-Ecological Space on Land and Sea——
		The Case of Jinjiang Fishing Port Economic Zone
17:42-18:00	Hosts	Discussion & Closing

## R2 – Methods and practices of urban and regional ecological restoration and management

Room: Damibila 1

Hosts: Z. Ma			
Time	Name	Title of Presentation	
16:00-16:15	P. Ameet	Leveraging Social Data Science for Sustainable Urban	
10.00-10.13	r. Ameet	Mobility: A Data-Driven Approach	
		Evaluating nature-based solutions through aquatic food web	
16:15-16:30	I. Ely	monitoring in the East Branch of the Finniss River, NT,	
		Australia.	
		Policy Embeddedness, Spatial Reconstruction and	
16:30-16:45	G. Zhang	Technological Empowerment Practice and Reflection on	
		Ecological Planning in Guangzhou	
16:45-17:00	A. Cieszewska	Urban laboratory: a tool for co-design NbS solutions in	
10.45-17.00		medium-sized cities.	
17:00-17:15	Z. Hu	Power of ecological zoning: Is the land green use efficiency in	
17.00-17.15	Z. Mu	counties impaired?	
		Identifying and Validating Ecological Management Zones	
17:15-17:30	Z. Wang	Based on Ecosystem Service Bundles and Future Land Use	
		Simulation: A Case Study in Beijing, China	
17:30-17:45	Z. Ma	Spatial and temporal changes in the contribution of the	
17.30-17.43		ecosystem to sustainable development goals in China	
17:45-18:00	Z. Ma	Discussion & Closing	

# T7b - Making Nature Count: Global and local applications of monetary valuation for transformation to nature-inclusive decision-making

5000		
Room: Waterfr	ont 1	
Hosts: V. van't	Hoff, M. Eigenraan	n, Z. Gelman
Time	Name	Title of Presentation
16:00-16:15	V. Van 't Hoff	Introduction to timeslot 2, monetary valuation and the ESVD
16:15-16:30	N. N. Septiani	From Economic Value to Management Implication: Case Study of Coastal Ecosystem Accounting in Indonesia
16:30-16:35	Hosts	Mentimeter breakout
16:35-16:50	Basnett	Harnessing Investment In Nature: Unlocking Private Finance for Environmental Restoration and Protection
16:50-17:05	Z. Gelman	Recognising the value of ecosystem services with Natural Capital Dashboards
17:05-17:20	L. Li	Mainstreaming Nature via Monetary Valuation in China's Soybean Expansion: A TEEBAgriFood Approach

Breakout groups - discuss questions tbd

## • Day 4: Thursday, 26 June 2025

Closing

**Morning Session: 10:30 – 12:30** 

Hosts

M. Eigenraam

17:20-17:50

17:50-18:00

Room: Damib	oila 1	
Hosts: S. A. H	ussain	
Time	Name	Title of Presentation
10:30 - 10:35	Host	Introduction to the session
10:35 - 10:50	C. Liu	Restoration as a Nature-based Solution: A Case Study of a Stream in Eastern Taiwan
10:50 - 11:05	V. Narusevicius	Nature-based solutions for rivers and neighbouring remote rura areas biodiversity enhancement: habitat restoration examples from Lithuania
11:05 - 11:20	M. Mulenga	Advances in the integration of microalgal communities for biomonitoring of metal pollution of aquatic ecosystems in sub- Saharan Africa: from local to regional context
11:20 - 11:35	A. Vari	What do we need to successfully restore our rivers? Factors supporting implementation of freshwater restoration projects in Europe
11:35 - 11:50	S. Royal	Restoration of riverscapes to enhance nature-based disaster resilience
11:50 - 12:05	F. Sun	Protection, Restoration, and Utilization of Water and Soil Ecology Under the Paradigm of New Quality Productive Forces
12:05 - 12:20	T. Dick, A. Jarret	Caring for Country in Riverscapes: Indigenous-Led Restoration and Relational Approaches to River System Health
12:20 - 12:30	Host	Discussion and closing remarks

O10 - Climate and sustainability challenges in diverse regions			
Room: Hal	Room: Hall 1		
Hosts: I. Konovska			
Time	Name	Title of Presentation	

	10:30
000000	0000000
00000	10.30

10:30 - 10:33	I. Konovska	Welcome and overview of the session
10:33 – 10:46	R. A. Castanho	Ephemeral Lifelines: Can Intermittent Rivers Unlock the Future
10.55 10.40	N. A. Castarino	of Mediterranean Ecosystems?
		Biological Control of Invasive Coral Cactus Using Dactylopius
10:46 - 10:59	G. Danao	tomentosus in Arid Northern Australia: Early Establishment and
		Management Outcomes
		How can the social and health service system respond to the
10:59 – 11:12	K. S. Kiiski	welfare and health challenges posed by human-induced
10.59 - 11.12	IX. O. IXIISKI	changes in ecosystem services? One solution in the life of
		people living in the midst of global challenges.
11:12 – 11:25	Z. Wang	A Three-Dimensional Framework for Climate-Resilient Marine
11.12 - 11.25	Z. VValig	Conservation in China's Seas
11:25 – 11:38	A. Uuld	Exploring multiple values and future scenarios of tarbagan
11.25 - 11.36	A. Ould	marmot consumption, hunting, and its habitat
		Developing strategies for Carbon Neutrality Through
11:38 – 11:51	T. Nawaz	Restoration of Ecological Spatial Networks in the Thal Desert,
		Punjab
		Shaping Well-Being in Urban Spaces: Interactions of Nature,
11:51 - 12:04	S. Wang	Society, and Self-Perception, a case study of Suzhou City,
		China.
12:04 -12:17	S.	Green public policies and sustainability reporting: A case study
12.04 -12.1/	Chattopadhyay	on the Private Sector
12:17 - 12:30	I. Konovska	Discussion & Closing of Session
		·

## O7 - Adaptive solutions to enhance positive synergies between forest and water ecosystems

Room: Bundirrik 4

		_	
Hosts: Z. Libiete,	1 7 · · · · ·	A 1	A D = I
HACTC! / LINIATA	I /arınc	/\ lancone	A RAPALIIA
IIU3L3. L. LIDIGLG.	J. Zai II IS.	A. Janauna	. A. Dal Gule

Time	Name	Title of Presentation
10:30-10:40	Z. Lībiete	Introduction
10:40-10:50	A. Bārdule	Management of riparian hemiboreal forests towards good water quality status: the case of Latvia
10:50-11:00	R. Bohn	Tree structure and water use as a joint pathway towards refined
10.50-11.00	Reckziegel	water budgets
11:00-11:10	Z. Lībiete	Short-term effects on water quality of green and blue
11.00-11.10	Z. LIDIELE	infrastructure establishment in riparian forest in Latvia
11:10-11:20	M. Blicharska	Enhancing the Role of Wetlands and Ponds in Regional
11.10-11.20	M. DilCharska	Ecological Restoration: Overcoming Barriers to Implementation
11:20-11:30	V. Samariks	Carbon-related ecosystem service evaluation of riparian
II.20-II.30 V. Samariks		forests using forest inventory data
		The willingness of the local community to support the
11:30-11:40	M. Kitenberga	management for the improvement of the quality of the riparian
		zone in the North-East of Latvia
11:40-12:30	A. Bārdule	Discussion

#### T5a - Modeling ecosystem services flows and implications for nature-based solutions

Room: Madla 2

Hosts: K. Burkhard, R. Yadav, S. Nedkov, T. Elliot, F. Ali

		,	
Time	Name	Title of Presentation	
10:30-10:35	Hosts	Welcome & Introduction	

	. ~	DE LOS	0000
4	<b>(</b>		00000
600		000	•
0000	00000	5000	000000000000000000000000000000000000000

10:36-10:47	E. F. Asamoah	Global trade drives unequal burdens on Nature's Contributions to People
10:48-11:00	A. P. Turetta	Identifying the ecosystem services flow as a strategy to ensure food security in areas vulnerable to extreme climate events
11:01-11:13	B. Lin	Numerical simulation modeling the microclimate regulating services flow of urban green land and its demand
11:14-11:26	M. Dade	Spatial strategies to expand urban forests can influence the provisioning of multiple ecosystem services
11:27-11:39	P. S. Solanki	Efficacy of InVEST (Integrated Valuation of Ecosystem Services and Trade-offs) Model in Ecosystem Services assessment – A review
11:40-11:52	W. S. Holm	Global modeling of ecosystem services and biodiversity in protected areas
11:53-12:05	S. Gwal	Geospatial approach for prioritizing conservation areas for enhanced hydrological ecosystem services
12:06-12:30	Hosts	Discussion & Closing

#### **Afternoon Session: 14:00 – 15:30**

B7 - Harnessing local practices to tackle global challenges in high-latitude and high-
altitude ecosystems

Room:	Betbiyan	3
Haaka	D. D. udda	

Hosts: B. Burkhard			
Time Name		Title of Presentation	
14:00 – 14:05	B. Burkhard	Session Introduction	
		Integrating Stakeholders' preferences with Ecological	
14:05 - 14:25	S. Singh	Sustainability in the Indian Himalayas: A Socio-Ecological	
		Assessment of Forest Ecosystem Services	
14:25 – 14:45	B. Burkhard	Remote sensing and machine learning approaches to unveil	
		palsa wetland ecosystem dynamics	
14:45 – 15:00	B. Burkhard	Session wrap-up, next steps BWG7	

### T2d - Challenges on monitoring biodiversity and nature's contributions to people

Room: Damibila 1

Hosts: A. P. Turetta, A. Vari			
Time	Name	Title of Presentation	
14:00h Hosts Challenges on monitoring biodiversity and nature's contributions to people		· · · · · · · · · · · · · · · · · · ·	
14:15h	14:15h E. Turak Advancing national ecosystem services monitoring with essential variables		
14:30h	S. Broszeit  How useful are global indicators to local and regional nature management – a stakeholder perspective		
Role of 14:45h W. P. Irawan Protection		Role of Ocean Accounting to Track Contribution of Marine Protected Area to Maritime Economy in Indonesia: Anambas Islands MPA Case Study	
15h	H. Chen	How to assess realized or actual use of ecosystem services: Indicators, challenges, and suggestions	



15:15h	X. Zhang	The Framework of the Natural Resources Report— Improvements based on the Natural Resource Accounting Administration Demands of China
15:30h	Hosts	Wrap up and Discussion

# Appendix II.

## **Detailed posters program**

The main poster session will be held on Monday, June 23rd, from 17:30–19:30. On Wednesday, June 25th, from 14:00–15:30, there will be another poster session. Participants are invited to walk around and ask questions about the posters in the traditional format.

#### **Biome Working Group Posters (B)**

B1a - Blue carbon ecosystems - accounting and advocating for nature-based solutions for sustainable coasts, K. Burkhard, et al.

ID	<b>Author Name</b>	Poster Title	
B1a-1	Mei-Hua Yuan	Ecosystem Services of Coral Reefs in 30 Years	

### **Sectoral Working Group Posters (S)**

S9a - Breaking Down Barriers - Incorporating Indigenous Knowledge on Ecosystem Services into Natural Resource Management, Policy, Planning, S. Maynard, et al.

ID	<b>Author Name</b>	Poster Title
S9a-1	Hamid Harahap	Ecosystem-Based Adaptation (EbA) to Climate Change for Indigenous Women in the Mentawai Islands and Aceh Singkil, Sumatra (Indonesia)

## S9b - Developing Nature-based Solutions (NbS) incorporating Indigenous peoples and local communities' perspectives, K. K. Sangha

ID	<b>Author Name</b>	Poster Title	
\$9b-1	Oyebola Adebola Elemide	African local and Indigenous peoples' pathways leading to sustainable ecosystems, nature, and a positive future	
S9b-2 Nicole Boyd		Centring on a Biocultural Framework: A Case for Utopia Eastern Anmatyerr and Alyawarr determined Desert Habitat Method benefits	

#### Thematic Working Group Posters (T)

T2a – Harnessing Ecosystem Services for Climate-Resilient Agriculture and Inclusive Development, S. Zaddem & I. A. Houedji

00000			
ID	Author Name	Poster Title	
T2a-1	Olivia Crowe	Scaling Equitable Nature-based Solutions: Procedural Equity and Engagement in a Rangeland Management and Restoration Model	
	Challenges on mo	onitoring biodiversity and nature's contributions to people, A	
ID	Author Name	Poster Title	
T2d-1	Pike Stahlmann- Brown	Nature Relatedness and Wellbeing across the urban-rural gradient	
T2d-2	Fernando Almeida Costa	Biomater - Payment Scheme for Biodiversity Conservation and Increased Availability of Native Cerrado Seeds	
	-	to local ecosystem service mapping - harnessing state-of- and tools on various spatio-temporal scales, B. Burkhard, et a	
ID	Author Name	Poster Title	
T4-1	Paulo Pereira	Land use impacts on nutrient regulation in urban lakes located in Vilnius (Lithuania)	
T4-2	Paulo Pereira	Mapping recreation and heritage cultural ecosystem services cluster and spatial outliers in Lithuania	
T4-3	Qiyin Yu	Forest Resource Quality and Human Activity Intensity Change and Spatial Autocorrelation Analysis in Yulin City, China	
T4-4	Kiichiro Hayashi	Ecosystem Service Modelling with ARIES and k.LAB: Global Innova and Local Applications in Japan	
	Modeling ecosys ns, K. Burkhard,	tem services flows and implications for nature-based et al.	
ID	Author Name	Poster Title	
T5a-1	Yosuke Horie	Case Study of Quantification of Ecosystem Services for Urbar Resilience	
T5a-2	Stephanie Vaz	Adaptation to Extreme Hydrological Events Through Nature- Based Solutions	
		nalysis and planning of biodiversity and ecosystem services es Framework from local to national scales, O. Saito	
ID	Author Name	Poster Title	
T6-1	Tauany Rodrigues	Integrating Climate Change and Ecosystem Services into Ecological Restoration Efforts: A Systematic Review	
	_	ount: Global and local applications of monetary valuation for re-inclusive decision-making, V. van 't Hoff, et al	
ID	Author Name	Poster Title	
T7b-1	Gail Sucharitakul	Win-wins and trade-offs in nature credit markets: A systemat map of the evidence.	



## **T9 – Urban ecosystems services and public health in a time of global warming**, S. Zhang, et al.

ID	Author Name	Poster Title		
T9-1	Yilan Xie	Visitation Patterns, Social Demographics, and Satisfaction in Japanese Pocket Parks: A Study of Nonlinear Relationships		

## T13 –From Interaction to Restoration: Pathways to Nature–Based Solutions through Cultural Ecosystem Service (CES) in the Carbon Era, Y. Dou, et al.

ID	Author Name	Poster Title	
T13-1	Mengyun Chen	Can the Environmental Features of Urban Green Spaces Predict Cultural Ecosystem Benefits? Development of a Bayesian Network-Based Tool	
T13-2	Jakub Jehlicka	Perception of traditional forest management practices reintroduced in the Czech Republic	
1 1.55		The Handbook of Cultural Ecosystem Services: New Approaches to CES for Policy and Management	

## Regional Chapter sessions (R)

## R1 - Implementing ecosystem services into multi-scale practices: from assessment to the realization of ecological product value, X. Sun, et al.

ID	<b>Author Name</b>	Poster Title	
R1-1	Malgorzata Bridging Science and Policy: Integrating Ecosystems into the Water Blicharska Energy-Food Nexus for Sustainable Resource Management		
R1-2	<b>Differentiated Management System for Enhancing the Susta</b> Ecosystem Services in Forests on Inhabited and Uninhabited		
R1-3	Yaru Chen	Constructing a Model of Government Purchasing of Ecological Services: Evidence from China's Northeast Tiger and Leopard National Park	
R1-4	Joanna Adamczyk	The Index of Urban Areas Vulnerability to Impacts Of Climate Change	

#### Other sessions (O)

## O1 - Ecosystem Services Derived from Protected Areas - revealing their hidden value, S. Maynard, et al.

ID	<b>Author Name</b>	Poster Title
01-1	Tauqeer Nawaz	Developing strategies for Carbon Neutrality Through Restoration of Ecological Spatial Networks in the Thal Desert, Punjab

O7 - Adaptive solutions to enhance positive synergies between forest and water ecosystems, Z. Lībiete, et al.

	'n			0000
	•	Secre		0
57		2 == 0	00	,
400			0	
	200	0000000		
0000	0000			

ID	<b>Author Name</b>	Poster Title
O7-1	Zane Libiete	Ecosystem service provision in forested riparian protection zones along small and medium-size rivers in Latvia

# Appendix III.

## **Timetable and Rooms Overview**

	Monday (23 June 2025)	Room
8:00	Registration	
10:00	Opening keynotes and panel Robert Costanza, University College London, UK Creating a Sustainable Wellbeing Future for Humans and the Rest of Nature Kamaljit Sangha, Charles Darwin University, Australia Understanding the economics of Indigenous efforts in land management	Hall 1
12:30	Lunch	Foyer
14:00	Parallel sessions:  B1b - Navigating tomorrow's seas through integrative ecosystem service assessments and decision-support tools, Y. Baulaz, et al.	Betbiyan 3
	O1 - Ecosystem Services Derived from Protected Areas - revealing their hidden value, S. Maynard, et al.	Bundirrik 4
	O2 - Scaling and financing Landscape Rehydration an Innovative, Australian Nature-based solution, C. Hall	Madla 2
	R1 - Implementing ecosystem services into multi-scale practices: from assessment to the realization of ecological product value, X. Sun, et al.	Waterfront 1
	T13 - From Interaction to Restoration: Pathways to Nature-Based Solutions through Cultural Ecosystem Service (CES) in the Carbon Era, Y. Dou, et al.	Hall 1
15:30	Coffee Break	Foyer
16:00	Parallel sessions:	
	O1 - Ecosystem Services Derived from Protected Areas - revealing their hidden value, S. Maynard, et al.	Bundirrik 4
	O5 - Ecosystem Services and NbS - From Local Wisdom towards Global Sustainability through Artificial Intelligence and Machine Learning, J. Haas, et al.	Damibila 1

 	000000
, <sup>1</sup> 6	
00000	000000000000000000000000000000000000000
000000	

	O6 - Local food as a carrier of ecosystem services: from local to global flows, M. Derek, et al.	Madla 2
	R1 - Implementing ecosystem services into multi-scale practices: from assessment to the realization of ecological product value, X. Sun, et al.	Waterfront 1
	T13 - From Interaction to Restoration: Pathways to Nature- Based Solutions through Cultural Ecosystem Service (CES) in the Carbon Era, Y. Dou, et al.	Hall 1
17:30	Poster session I and Welcome reception	Foyer
19:30	End of day 1	
	Tuesday (24 June 2025)	Room
8:00	Registration	
8:30	Opening keynotes Paula Harrison, UK Center for Ecology and Hydrology, UK and Pamela McElwee, Rutger University, USA Managing Ecosystem Services across the Nexus of Biodiversity, Water, Food, Health and Climate Change Andrew Petersen, Business Council for Sustainable Development, Australia From Risk to Opportunity: How Businesses Are Investing in Natural Capital to Unlock Growth and Resilience	Hall 1
10:00	Coffee break	Foyer
10:20	10:30 Parallel sessions:	
10:30		
10:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady	Damibila 1
10:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods,	Damibila 1 Betbiyan 3
10:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady T1b - The Pacific Islands' Guide to Ecosystem and Socioeconomic Resilience Analysis and Mapping (ESRAM), C.	
10:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady T1b - The Pacific Islands' Guide to Ecosystem and Socioeconomic Resilience Analysis and Mapping (ESRAM), C. Fleming, et al. (Only invited speakers) T2a - Harnessing Ecosystem Services for Climate-Resilient	Betbiyan 3
10:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady T1b - The Pacific Islands' Guide to Ecosystem and Socioeconomic Resilience Analysis and Mapping (ESRAM), C. Fleming, et al. (Only invited speakers)  T2a - Harnessing Ecosystem Services for Climate-Resilient Agriculture and Inclusive Development, V. van't Hoff  T2c - The IPBES Nexus Assessment: Bridging Single-Issue Silos through Integrated & Adaptive Decision-Making, P.	Betbiyan 3 Waterfront 1
10:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady T1b - The Pacific Islands' Guide to Ecosystem and Socioeconomic Resilience Analysis and Mapping (ESRAM), C. Fleming, et al. (Only invited speakers) T2a - Harnessing Ecosystem Services for Climate-Resilient Agriculture and Inclusive Development, V. van't Hoff T2c - The IPBES Nexus Assessment: Bridging Single-Issue Silos through Integrated & Adaptive Decision-Making, P. Harrison & P McElwee T4 - From outer space to local ecosystem service mapping harnessing state-of-the-art data, methods and tools on	Betbiyan 3 Waterfront 1 Madla 2
12:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady T1b - The Pacific Islands' Guide to Ecosystem and Socioeconomic Resilience Analysis and Mapping (ESRAM), C. Fleming, et al. (Only invited speakers) T2a - Harnessing Ecosystem Services for Climate-Resilient Agriculture and Inclusive Development, V. van't Hoff T2c - The IPBES Nexus Assessment: Bridging Single-Issue Silos through Integrated & Adaptive Decision-Making, P. Harrison & P McElwee T4 - From outer space to local ecosystem service mapping harnessing state-of-the-art data, methods and tools on various spatio-temporal scales, B. Burkhard, et al. T18 - Promoting Nature-Based Solutions for climate resilience: Identifying and overcoming social, institutional, cultural and financial barriers, I. Coninx, et al. (Only invited speakers)	Betbiyan 3  Waterfront 1  Madla 2  Hall 1  Bundirrik 4  Foyer
12:30 14:00	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady T1b - The Pacific Islands' Guide to Ecosystem and Socioeconomic Resilience Analysis and Mapping (ESRAM), C. Fleming, et al. (Only invited speakers) T2a - Harnessing Ecosystem Services for Climate-Resilient Agriculture and Inclusive Development, V. van't Hoff T2c - The IPBES Nexus Assessment: Bridging Single-Issue Silos through Integrated & Adaptive Decision-Making, P. Harrison & P McElwee T4 - From outer space to local ecosystem service mapping harnessing state-of-the-art data, methods and tools on various spatio-temporal scales, B. Burkhard, et al. T18 - Promoting Nature-Based Solutions for climate resilience: Identifying and overcoming social, institutional, cultural and financial barriers, I. Coninx, et al. (Only invited speakers) Lunch Panel	Betbiyan 3  Waterfront 1  Madla 2  Hall 1  Bundirrik 4  Foyer Hall 1
12:30	O4 - Importance of Nature-based Solutions (NbS) in forest sustainable development of rural communities: livelihoods, biodiversity conservation, and nonmaterial values, A. O'Grady T1b - The Pacific Islands' Guide to Ecosystem and Socioeconomic Resilience Analysis and Mapping (ESRAM), C. Fleming, et al. (Only invited speakers) T2a - Harnessing Ecosystem Services for Climate-Resilient Agriculture and Inclusive Development, V. van't Hoff T2c - The IPBES Nexus Assessment: Bridging Single-Issue Silos through Integrated & Adaptive Decision-Making, P. Harrison & P McElwee T4 - From outer space to local ecosystem service mapping harnessing state-of-the-art data, methods and tools on various spatio-temporal scales, B. Burkhard, et al. T18 - Promoting Nature-Based Solutions for climate resilience: Identifying and overcoming social, institutional, cultural and financial barriers, I. Coninx, et al. (Only invited speakers)	Betbiyan 3  Waterfront 1  Madla 2  Hall 1  Bundirrik 4  Foyer

500		
15:30	R4 - Does a single swallow attract the storm? Community	Waterfront 1
	conservation initiatives in the Global South, A. Ramos-Franco	
	& D. S. López-Cubillos	
	Sga - Breaking Down Barriers - Incorporating Indigenous	Bundirrik 4
	Knowledge on Ecosystem Services into Natural Resource	
	Management, Policy, Planning, S. Maynard, et al.	
	T2b - Urban Nature in the Global South: Exploring challenges	Betbiyan 3
	and opportunities in shaping sustainable pathways, N.	- -
	Chongo, et al.	
	T4 - From outer space to local ecosystem service mapping -	Hall 1
	harnessing state-of-the-art data, methods and tools on	
	various spatio-temporal scales, B. Burkhard, et al.	
	T6 - Future scenario analysis and planning of biodiversity and	Madla 2
	ecosystem services by using the Nature Futures Framework	
	from local to national scales, O. Saito	
	Tg - Urban ecosystems services and public health in a time of	Damibila 1
	global warming, S. Zhang, et al.	
18:00	End of day 2	
		_
	Wednesday (25 June 2025)	Room
8:00	Registration	
8:30	Opening keynotes	Hall 1
	Suzanne Thompson, Yambangku Aboriginal Cultural Heritage	
	and Tourism Development Aboriginal Corporation, Australia	
	Under the rainbow capture through an indigenous lens and	
	ancient practice	
	Anita Varghese, Keystone Foundation, India	
	Linking Conservation, Enterprise and Livelihood in the Nilgiri	
	Biosphere Reserve, Western Ghats, India	
10:30	Coffee break	Foyer
10:30	Parallel sessions	
	B1a - Blue carbon ecosystems – accounting and advocating	Betbiyan 3
	for nature-based solutions for sustainable coasts, K. Burkhard,	
	et al.	
	Sgb - Developing Nature-based Solutions (NbS) incorporating	Madla 2
	Indigenous peoples and local communities' perspectives, K. K.	
	Sangha	
	T1a - An overview of the rapidly emerging field of Ocean	Damibila 1
	Accounting: extending international standards towards the	
	social and equitable valuation of ocean ecosystem services, J.	
	Gacutan	
	T7b - Making Nature Count: Global and local applications of	Waterfront 1
	monetary valuation for transformation to nature-inclusive	•
	decision-making, V. van 't Hoff, et al.	
12:30	Lunch	Foyer
14:00	Movie screening and talk	Hall 1

5600		
15:00	Exhibition and poster session II	Foyer
	(tea and coffee served at 15:30)	
16:00	Parallel sessions	
	B1a - Blue carbon ecosystems – accounting and advocating	Betbiyan 3
	for nature-based solutions for sustainable coasts, K. Burkhard,	_
	et al.	
	O3 - Grant proposal, research writing and networking toolbox	Bundirrik 4
	for ecosystem service researchers, O. Adeyemi, et al.	
	R2 - Methods and practices of urban and regional ecological	Damibila 1
	restoration and management, Z. Ma	
	T7b - Making Nature Count: Global and local applications of	Waterfront 1
	monetary valuation for transformation to nature-inclusive	•
	decision-making, V. van 't Hoff, et al.	
18:30	Conference dinner	Hall 1
	Thursday (26 June 2025)	Room
0.00	De nietwakie is	
8:00	Registration	
8:30	Opening keynotes	Hall 1
	Jeremy Russell-Smith, Charles Darwin University, Australia	
	Incentivising community-based fire management in fire-prone	
	savannas	
	Stephen Syampungani, Copperbelt University, Zambia	
	Local Nature-Based Solutions for Global Future: The Case of	
	Rehabilitation of Mining Degraded Landscapes in Sub Saharan	
	Africa	F
10:00	Coffee break	Foyer
10:30	Parallel sessions	
	B2 - Healing riverscapes: promoting nature-based solutions	Damibila 1
	for conserving/restoring rivers, S. Hussein	
	O7 - Adaptive solutions to enhance positive synergies	Bundirrik 4
	between forest and water ecosystems, Z. Lībiete, et al.	
	O10 - Climate and sustainability challenges in diverse regions,	Hall 1
	I. Konovska	
	O11 - Scholarly publishing and communication bridges	Waterfront 1
	traditional science with 'alternative' scientific resources: the	
	case of the ESP-born One Ecosystem journal, I. Boyadzhieva &	
	B. Burkhard	
	T5a - Modeling ecosystem services flows and implications for	Madla 2
	nature-based solutions, K. Burkhard, et al.	
	T7a – Weaving a Basket of Benefits: Bargaining over	Betbiyan 3
	Ecosystem Service Value Interactions across Landscapes,	
	Scales, and Institutions, A. Buckwell & Edward Morgan (Only	
	invited speakers)	
12:30	Lunch	Foyer

14:0
------

14:00	B7 - Harnessing local practices to tackle global challenges in high-latitude and high-altitude ecosystems, M. Villoslada & B. Burkhard	Betbiyan 3
	Og - Investing in Nature Now: How Australia's private land conservation sector is using finance to deliver for nature, S. Lynch (Only invited speakers)	Waterfront 1
	T2d - Challenges on monitoring biodiversity and nature's contributions to people, A. P. Turetta & A. Vári	Damibila 1
	T7c – Updating estimates of the global value of ecosystem services for the 2020's, R. Costanza (Only invited speakers)	Hall 1
	T14 – Nature's Benefits: Learn to play an ecosystem services card game, M. Russell, et al. (Only invited speakers)	Madla 2
15:30	Coffee break	Foyer
16:00	Final keynotes and reflection Anne Poelina, Nulungu Institute Research University of Notre Dame, Australia Trail for Life Quentin Grafton, Australian National University, Australia Pushing Back on Water Takeovers in Australia	Hall 1
17:00	Closing ceremony	Hall 1
17:30	End of day 4	



# Appendix IV.

# Conference Program Overview

Monday June 23	Tuesday June 24	Wednesday June 25	Thursday June 26	Friday June 27
	Registration	Registration	Registration	
Registration & time to mount up posters	Opening Keynotes Paula Harrison Pamela McElwee Andrew Petersen	Opening Keynotes Suzanne Thompson Anita Varghese	Opening Keynotes Jeremy Russell-Smith Stephen Syampungani	
	Coffee Break	Coffee Break	Coffee break	
Opening Keynotes & Panel Robert Constanza Kamaljit Sangha	Parallel sessions: 04, T1b, T2a, T2c, T4, T18	Parallel sessions: B1a, S9b, T1a, T7b	Parallel sessions: B2, O7, O10, O11, T5a, T7a	
Lunch	Lunch	Lunch	Lunch	
Davallal sassians	Danol discussion	Mauia promiara	Davallal sassians	Excursions
B1b, O1, O2,	Pallel discussion	Exhibition &	B7, O9, T2d,	
K1, 113	Coffee Break	Poster session 11	170, 114	
Coffee Break		Coffee Break	Coffee break	
Parallel sessions: 01, 05, 06, R1, T13	Parallel sessions: R4, S9a, T2b, T4, T6, T9	Parallel sessions: B1a, O3, R2, T7b	Final keynote & Reflection Anne Poelina, Quentin Grafton Awards & Closing ceremony	
Poster session I & Welcome reception		Conference dinner		
	Registration & time to mount up posters  Opening Keynotes & Panel Robert Constanza Kamaljit Sangha  Lunch  Parallel sessions: B1b, O1, O2, R1, T13  Coffee Break  Parallel sessions: O1, O5, O6, R1, T13  Poster session I &	Registration & time to mount up posters  Opening Keynotes Paula Harrison Pamela McElwee Andrew Petersen  Coffee Break  Coffee Break  Parallel sessions: 04, T1b, T2a, T2c, T4, T18  Lunch  Lunch  Parallel sessions: B1b, O1, O2, R1, T13  Coffee Break  Coffee Break  Parallel sessions: O1, O5, O6, R1, T13  Poster session I & Poster session I & Coffee Break  Poster session I & Coffee Break	Registration Registration  Registration Registration Registration Registration Opening Reynotes Paula Harrison Pamela McElwee Andrew Petersen  Coffee Break  Coffee Break  Coffee Break  Parallel sessions: 04, T1b, T2a, T2c, T4, T18  Parallel sessions: B1b, 01, 02, R1, T13  Coffee Break  Parallel sessions: O1, 05, 06, R1, T13  Poster session I Registration Registration  Opening Reynotes Suzanne Thompson Anita Varghese  Coffee Break  Parallel sessions: O4, T1b, T2a, T2c, T4, T18  Panel discussion Movie premiere Exhibition & Poster session II  Coffee Break  Parallel sessions: R4, S9a, T2b, T4, T6, T9  Poster sessions: B1a, O3, R2, T7b  Poster session I Registration Registratio	Registration & Registration  Registration & Registration  Opening Keynotes Paula Harrison Pamela McElwee Andrew Petersen  Opening Keynotes & Paula Registration  Coffee Break  Parallel sessions: 04, 11b, 12a, 12c, 14, 118  Lunch  Lunch  Lunch  Lunch  Lunch  Lunch  Parallel sessions: B1b, 01, 02, 02, R1, 113  Coffee Break  Coffee Break

