

1st Sustainability International Conference
Equitable Environment and
Resource Management for Poverty Alleviation
15-17th November 2022

CERTIFICATE OF APPRECIATION

AWARDS THIS CERTIFICATE TO

GM. Adhyanggono, SS, MA, PhD

IN RECOGNITION OF PARTICIPATION IN THE CONFERENCE AS

PLENARY SPEAKER

Acting Duties of The Head of
Regional Development Planning Agency


Ir. Agung Tejo Prabowo, MM

Vice Rector for Innovation,
Research, and Publication


Robertus Setiawan Aji, N, ST, MComIT., Ph.D

1st Sustainability International Conference
Equitable Environment and Resource Management for Poverty Alleviation
SCU, Semarang, 15-17th November 2022, Indonesia



Local Traditions in Question: the Anthropocenic Burden of *Ujungan* and *Cowongan*

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Associate Professor in Film and Literary Criticism
Faculty of Language and Art, SCU

Points of Departure



Exploratory Research
on Water Lore-themed
Rituals, Folk-beliefs, and
Performing Arts in
Central Java



**Environmental
Humanities (EH)**

Image credited:
<https://eurasiaconferences.com/events/spain/2022/environmental-and-earth-sciences/>

Points of Departure



Exploratory Research on Water Lore-themed Rituals, Folk-beliefs, and Performing Arts in Central Java

Research Methodology

- ✓ Nature: exploratory
- ✓ Paradigm: interpretive-constructivist
- ✓ Design: qualitative
- ✓ Methods: ethnographic fieldwork and library research
- ✓ Instruments: observation, interview, and document analysis

Premise

To a certain degree, local traditions demonstrate their concerns and awareness of respecting nature contextually.

Conducted

November 2021 – June 2022.

Points of Departure



Exploratory Research on Water Lore-themed Rituals, Folk-beliefs, and Performing Arts in Central Java

Some of the findings suggest that:

- ✓ *Ujungan* is a high-context tradition conveying itself in two forms: the 'sacred' and the 'profane' rituals. The latter serves as a tourist attraction.
- ✓ *Cowongan* is a low-context tradition serving more as the sacred than the profane.
- ✓ Both traditions relate to the practice of rain-making or rain-calling rituals.
- ✓ Yet, they are different in nature as *Ujungan* seems to be highly engineered socially, while *Cowongan* runs in a relatively private domain.

A further question to raise

Can the basic motive for these traditions to sustain be purely based on rain-calling alone, or any other else, in the context of their locality (environment)?

Points of Departure

Origin - the environmental movement in the 1960s and 1970s (Hubbell and Ryan, 2022, p. 1)

EH “resists a view of the world that divides nature from humankind, weaving social, cultural, and ecological concerns together into a tapestry” (Hubbell and Ryan, 2022, p. 4).

“EH studies the natural world, environmental problems, and what “a good life” means for all living beings through the arts and humanities approaches” (Hubbell and Ryan, 2022, p. 5).



Environmental Humanities (EH)

Image credited:
<https://eurasiaconferences.com/events/spain/2022/environmental-and-earth-sciences/>

Points of Departure

EH is not an academic discipline, but a field of study attempting to integrate different disciplines sharing a focus on the natural world and environmental issues (Hubbell and Ryan, 2022, p. 6; see also Heise, Christensen, and Niemann, 2017; Rose, et.al, 2012).

Three characteristics of EH:

- Discipline-crossing
- Boundary-defying
- Policy-focused

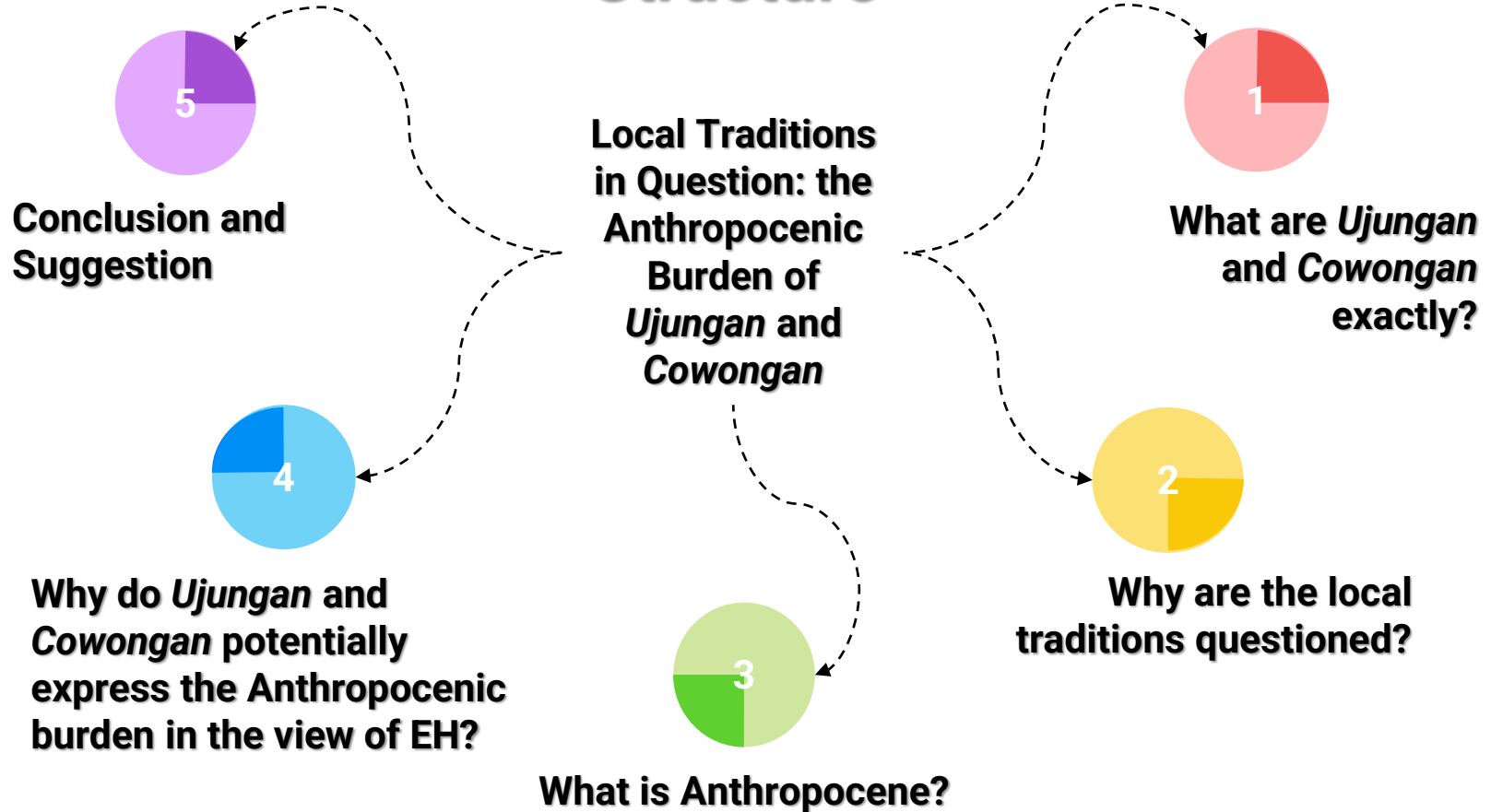
(Emmet and Nye, 2017; Hubbell and Ryan, 2022)



Environmental Humanities (EH)

Image credited:
<https://eurasiaconferences.com/events/spain/2022/environmental-and-earth-sciences/>

Structure



1

What are *Ujungan* and *Cowongan* exactly?



Ujungan

Illustration, a courtesy:
<https://www.youtube.com/watch?v=WN0FnDXPIDw>

rain-calling/rain-making tradition of Gumelem Wetan Village, in the form of rattan duels

a severe drought

traditional farmers with the traditional method

meticulously organized, involving a lot of people and offerings to prepare

a high-context ritual/tradition based on Simms dan Stephens, M. (2011)



What are *Ujungan* and *Cowongan* exactly?



Cowongan

Illustration, a courtesy:
<https://www.youtube.com/watch?v=MM9q2y-k1Ok>

rain-calling/rain-making tradition of Plana Village

a severe drought

farming communities in Plana

private domain and less complicated in preparation and offerings compared to *Ujungan*

a low-context ritual/tradition based on Simms dan Stephens, M. (2011)

Why are the local traditions questioned?



Environmental Humanities (EH)

Image credited:
<https://eurasiaconferences.com/events/spain/2022/environmental-and-earth-sciences/>



Ujungan

Illustration, a courtesy:
<https://www.youtube.com/watch?v=VN0FnDXPIDw>



Cowongan

Illustration, a courtesy:
<https://www.youtube.com/watch?v=MM9q2y-k10k>

The absence of knowledge about the local philosophy and values regarding the significance of water from the active bearers of the traditions, except for the practical use of water (personal communication, November 2021 and March 2022)

Why are the local traditions questioned?

Why does this matter?

EH

“Traditional ecological knowledge, as a system, links sophisticated philosophies with practical measures as a means to mediate and moderate human interactions with ancestral landscapes” (Bruchac, 2020).

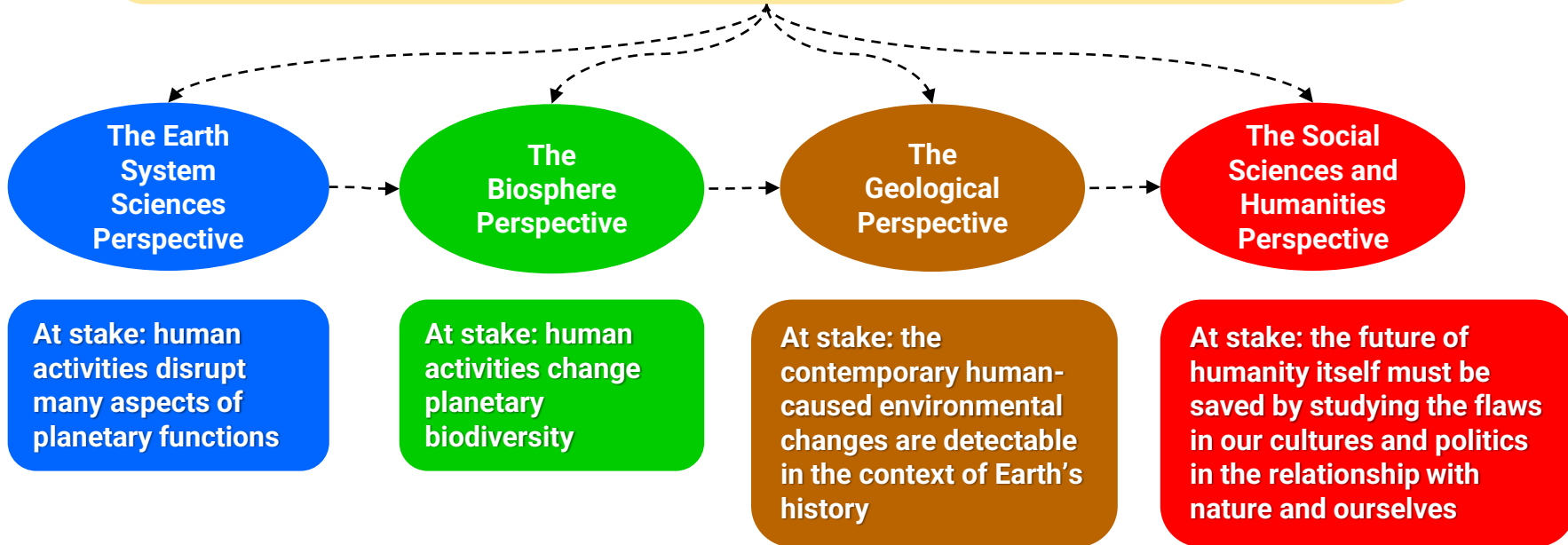
The absence of knowledge about the local philosophy and values regarding the significance of water from the active bearers of *Ujungan* and *Cowongan*, except for the practical use of water (personal communication, November 2021 and March 2022)

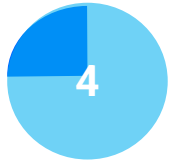
LT

Active bearers of the tradition should be knowledgeable and master the nuts and bolts of their traditional knowledge (factual data, beliefs/values, and practices) (Niles, 1999; Pentikainen, 2011; Bruchac, 2020).

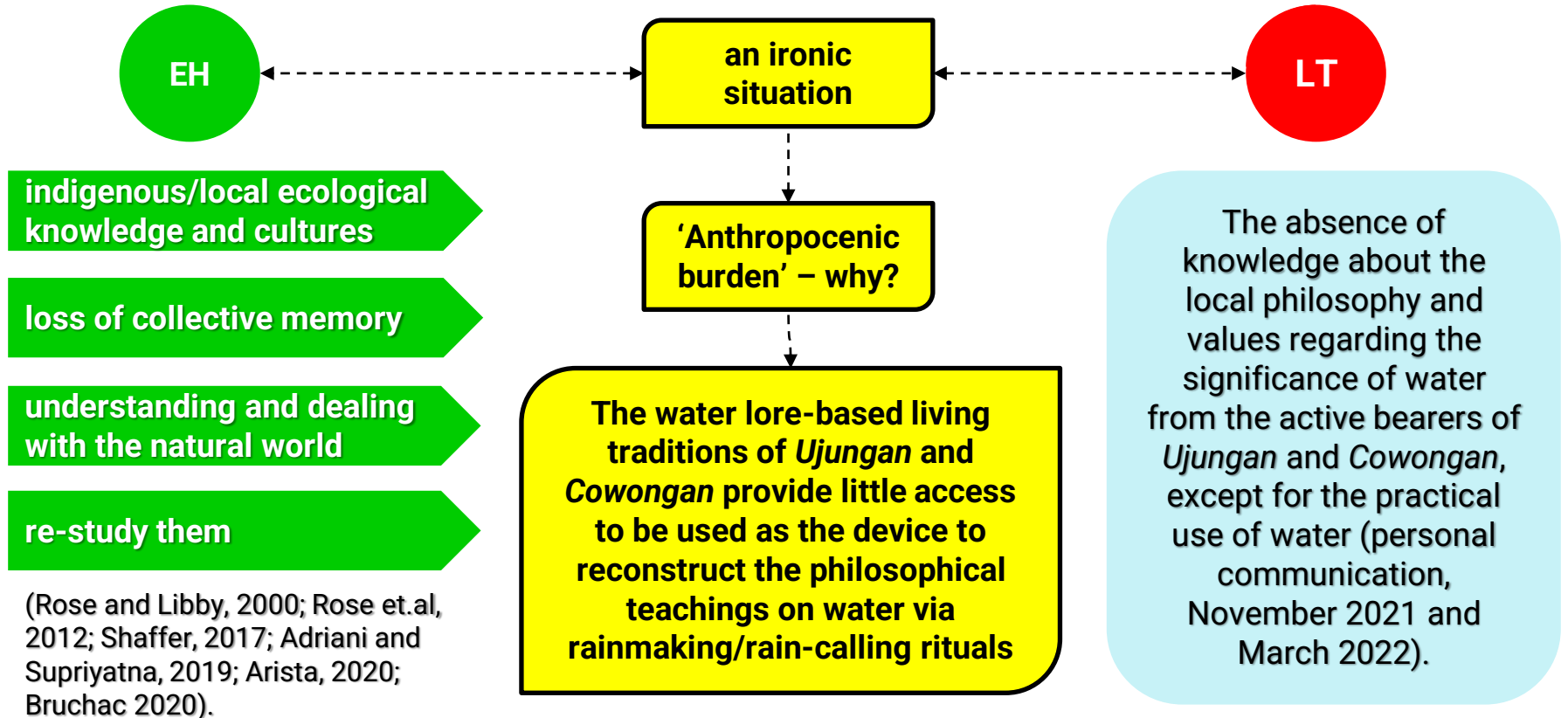
What is Anthropocene?

The concept viewing that the human-dominated age has fundamentally caused the shifts in the relationship between humans and nature, which requires humans' attempts to re-examine and re-position the role of humanity in the natural world (Malhi, 2017, pp. 81-82; see also Crutzen and Stoermer, 2000).





Why do *Ujungan* and *Cowongan* potentially express the Anthropocenic burden in the view of EH?



Conclusion and Suggestion

What appears to be nature-oriented local traditions do not always embody ecological knowledge in nature.

Ujungan and *Cowongan* more importantly articulate the need for human survival before nature.

The anthropocenic burden of *Ujungan* and *Cowongan* is the result of the ironic situation, the gap between the environmental humanities perspective and the traditions praxis.

Further concrete actions to preserve the traditions are necessitated.

Stakeholders (tradition bearers, government, the general public, and academia) need to have collaborative efforts to make further reasoning, policy-making, appreciation, and studies on ecological local knowledge and cultures.

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Weblinks

<https://www.youtube.com/watch?v=MM9q2y-k10k>

<https://www.youtube.com/watch?v=WN0FnDXPIDw>

<https://eurasiaconferences.com/events/spain/2022/environmental-and-earth-sciences/>

Thank You

05/SIC-LoI/IX/2022

Semarang, 15th September 2022

LETTER OF INVITATION AS PLENNARY SPEAKER

Dear **GM. Adhyanggono, SS, MA, PhD**

Dean, Faculty of Language and Arts, Soegijapranata Catholic University, Semarang, Indonesia

The Research and Community Service Centre of Soegijapranata Catholic University in conjunction with the Regional Planning Agency of Central Java, and the National Research and Innovation Agency of Indonesia is planning to hold its 1st Sustainability International Conference (SIC) on the **15-17th of November 2022** with the theme on **Equitable Environment and Resource Management for Poverty Alleviation**. The four main aspects offered in the conference will deal with the development of (1) a Balanced environment, (2) Communities and Well-Being, (3) Circular Economy, and (4) Technology.

We believe your academic qualifications and outstanding research experience on the theme: **Communities and Well-Being** is a great asset for this conference. Thus, we invite you as one of our Plenary Speakers. As seen enclosed, we have scheduled you to deliver your talk on Wednesday, 15th November 2022.

Enclosed is also our poster, which lists the conference's aims and topics, and our website is addressed at <http://sic.unika.ac.id> to give you further clarifications on the conference. To complete the website, please send us your CV, and inform us of your presentation's title by returning to us the Letter of Agreement enclosed to sic@unika.ac.id. If your PPT and the full paper are already available, we would appreciate your sending them to <http://conference.unika.ac.id/index.php/sic/sic2022> soon.

Thank you beforehand for your kind cooperation. We greatly look forward to greeting you soon in Semarang, Indonesia!

Yours sincerely,



UNIVERSITAS KATOLIK
SOEGIJAPRANATA
LEMBAGA PENELITIAN
PENGABDIAN KEPADA MASYARAKAT

Dr. Ekawati Marhaenny Dukut

(1st SIC chairperson)

LETTER OF AGREEMENT

With regards to the Research and Community Service Centre of Soegijapranata Catholic University, which collaborates with the Regional Planning Agency of Central Java, and the National Development Planning for Population and Manpower of Indonesia, which will hold its

1st Sustainability International Conference (SIC) on the 15-17th of November 2022 with the theme on **Equitable Environment and Resource Management for Poverty Alleviation,**

I, the undersigned,

Name :

Department :

Faculty :

University :

City, Country :

email :

cell phone :

agrees to support the committee by accepting the invitation as **KEYNOTE Speaker** with a possible presentation title on:

Please see enclosed also the CV/ PPT/ full article.

City, Country, Date:

signature

Name

1st Sustainability International Conference

Equitable Environment and Resource Management for Poverty Alleviation

A Hybrid International Conference
15-17th November 2022

PLENARY SPEAKERS



Conference Focus

1st SIC aims to respond to the global poverty issues which are related to the 3 Pillars of Sustainability: (1) Environmental Pillar: Recent updates or developing new technology that reduces environmental effect related to the carbon footprint of developing area, (2) Social Pillar: Initiatives promoting the well-being, health, and safety of communities, (3) Economic Pillar: Initiatives that ensure businesses and development can thrive while making these long-term positive impacts.

1st SIC is accepting ABSTRACTS on

1. **Balanced Environment**
 - a. Inclusive and sustainable growth of the environment
 - b. Pollution/ emission/ environmental contamination/ carbon footprint
 - c. Climate change/ ecological system/ green infrastructure/ spatial planning
 - d. Waste/ energy/ agricultural/ natural resource (infrastructure)
 - e. Public policy/ conservation development/ equitable placemaking
 - f. Management improvement of water and other natural resources
2. **Communities and Well-Being**
 - a. Human prosperity and social development (including stunting and humanitarian programs)
 - b. Human nutrition/ public health/ food security and safety/ resilience/ quality of life
 - c. Community development/ participatory planning/ gender mainstreaming
 - d. Local culture/ environmental psychology/ environmental behavioral upgrading
 - e. Public communication/ education
 - f. Empowerment of people living in poverty
3. **Circular Economy**
 - a. Rural development and poverty eradication
 - b. Best practices of economic development strategy
 - c. Innovations for fast-growing economy
 - d. Growth of recycle/ blue economy/ green economy/ value chain/ digital economy
 - e. Resource productivity & innovation/ sustainable business model
 - f. Sustainable products/ consumers education
 - g. Develop and implement rapid and sustained growth policies and programs
 - h. Engagement in business trades as a path out of poverty
4. **Technology**
 - a. Recent updates on environmental technology for sustainability
 - b. Recent updates on community and well-being technology
 - c. Recent updates on circular economy technology
 - d. Recent access to technology and innovation with affordable energy resources
 - e. Best practices on digital technology divides



Keynote speech by
Rector SEU & Governor of Central Java, Indonesia
& Head of Regional Development Planning Agency

Dr. Ferdinandus Hindianto, SPsi, MSi
Ganjar Pranowo SH, MIP
Ir. Agung Tejo Prabowo, MM

2nd CALL

FREE OF CHARGE

Call for participants:	20 Jul - 10 Nov 2022
Call for presenters:	20 Jul - 20 Oct 2022
Registration, abstract submission	
for paper & poster presenters:	20 Jul - 20 Oct 2022
LoA for abstract acceptance:	22 Aug - 24 Oct 2022
Deadline for youtube video	
PPT link & poster submission:	30 Oct 2022
Full paper submission for	
journals/proceedings/ e-book chapters:	24 Oct - 24 Nov 2022
Conference dates (hybrid):	15 - 16 Nov 2022
Onsite Semarang tour:	17 Nov 2022

PUBLICATIONS:
Scopus/WoS Indexed proceedings
Q1-Q4 & S1-S2 journals
ISBN e-book chapters

SCAN BARCODE HERE



<https://sic.unika.ac.id/> Registration bit.ly/SIC2022-Reg



A. Rationale

The global Covid-19 pandemic has impacted all aspects of urban and rural areas. Based on World Bank Data in 2020, the poverty level of the world experiences an increase for the first time in over 20 years. About 100 million people are currently living in poverty. In addition to the global pandemic, overpopulation also adds up to the amount of poverty. As a response to those issues, there is a need to control the number of poverties by arranging some sustainable development programs that are based on the 17 points of UN's Sustainable Development Goals: (1) No poverty, (2) Zero hunger, (3) Good Health and Well-Being, (4) Quality Education, (5) Gender Equality, (6) Clean Water and Sanitation, (7) Affordable and Clean Energy, (8) Decent Work and Economic Growth, (9) Industry, Innovation, and Infrastructure, (10) Reduced Inequalities, (11) Sustainable Cities and Communities, (12) Responsible Consumption and Production, (13) Climate Action, (14) Life Below Water, (15) Life on Land, (16) Peace, Justice, and Strong Institution: and (17) Partnership for the Goals. With these goals in mind, it becomes necessary to organize an international seminar to disseminate, discuss and develop sustainable programs that can:

- a. End poverty in all its forms everywhere
- b. End hunger, achieve food security and improved nutrition, and promote sustainable agriculture
- c. Ensure healthy lives and promote well-being for all at all ages
- d. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
- e. Achieve gender equality and empower all women and girls
- f. Ensure availability and sustainable management of water and sanitation for all
- g. Ensure access to affordable, reliable, sustainable, and modern energy for all
- h. Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all

B. Theme:

Equitable Environment and Resource Management for Poverty Alleviation

C. Focus and Scope:

The 1st Sustainability International Conference (SIC) has 4 main aspects to offer, they are the development for:

1. Balanced Environment

- a. Inclusive and sustainable growth of the environment
- b. Pollution/ emission/ environmental contamination/ carbon footprint
- c. Climate change/ ecological system/ green infrastructure/ spatial planning
- d. Waste/ energy/ agricultural/ natural resource (infrastructure)
- e. Public policy/ conservation development/ equitable placemaking
- f. Management improvement of water and other natural resources

2. Communities and Well-Being

- a. Human prosperity and social health (including stunting and humanitarian programs)
- b. Human nutrition/ public health/ food security and safety/ resilience/ quality of life
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- d. Local culture/ environmental psychology/ environmental behavioral upgrading
- e. Public communication/ education
- f. Empowerment of people living in poverty

3. Circular Economy

- a. Rural development and poverty eradication
- b. Best practices of economic development strategy
- c. Innovations for fast-growing economy
- d. Growth of recycle/ blue economy/ green economy/ value chain/ digital economy
- e. Resource productivity & innovation/ sustainable business model
- f. Sustainable products/ consumers education
- g. Develop and implement rapid and sustained growth policies and programs
- h. Engagement in business trades as a path out of poverty

4. Technology

- a. Recent updates on environmental technology for sustainability
- b. Recent updates on community and well-being technology
- c. Recent updates on circular economy technology
- d. Recent access to technology and innovation with affordable energy resources
- e. Best practices on digital technology divide

D. Objectives

The **1st Sustainability International Conference (SSIC)** with the theme on **Equitable Environment and Resource Management for Poverty Alleviation** organized by Central Java's Agency of Regional Development (Bappeda-Jateng) & Research and Community Service Centre (LPPM) of Soegijapranata Catholic University aims to respond to the global poverty issues which are related to the 3 Pillars of Sustainability: (1) Environmental Pillar: Recent updates or developing new technology that reduces environmental effect related to the carbon footprint of developing area, (2) Social Pillar: Initiatives promoting the well-being, health, and safety of communities, (3) Economic Pillar: Initiatives that ensure businesses and development can thrive while making these long-term positive impacts.

E. Important Dates

Call for participants	: 20 Jul – 10 Nov 2022
Call for presenters	: 20 Jul – 20 Oct 2022
Registration, abstract submission for paper & poster presenters	: 20 Jul – 30 Oct 2022
LoA for abstract acceptance	: 22 Aug – 24 Oct 2022
Deadline for Youtube PPT link & poster submission	: 30 Oct 2022
Full paper submission for journals/ proceedings/ e-book chapters	: 24 Oct – 24 Nov 2022
Conference dates (hybrid)	: 15-16 Nov 2022
Offsite Semarang city tour	: 17 Nov 2022

Presentation time:

- Invited Plenary speakers have 30 minutes each
- Parallel speakers have 15 minutes each

REGISTRATION is at bit.ly/SIC2022-Reg ; **WEBSITE** address is at <http://sic.unika.ac.id>
 Youtube video of PPT link & Full paper is uploaded in <http://conference.unika.ac.id/index.php/sic/sic2022>

TUESDAY, 15 NOVEMBER 2022

08:30 – 09:00	Re-registration
09:00 – 09:05	Opening & Prayer: MC
09:05 – 09:10	Indonesian National Anthem
09:10 – 09:20	Entertainment from Kembang Taru
09:20 – 09:30	Speech by Dr. Dra. Ekawati Marhaenny Dukut, M.Hum (1st SIC Chief Committee)
09:30 – 09:40	Speech by Ir. Agung Tejo Prabowo, MM (Head of Regional Development Planning Agency of Central Java)/ Bappeda Jateng
09:40 – 09:50	Speech by Dr. Ferdinandus Hindiarso, SPSi, MSi (Rector of SCU)
09:50 – 10:00	Keynote Speech and Opening by H. Ganjar Pranowo, S.H., M.I.P. (Governor of Central Java)
10:00 – 10:15	Video Trailer from SCU & Regional Development Planning Agency of Central Java
Plenary session 1	
10.15 – 10.30	Introduction by the Moderator
10:30 – 11:00	Kevin A. Henderson (Director of Digital Content & Programming, United Board, New York, USA)
11:00 – 11:30	Dr. Laksana Tri Handoko, MSc (Head of National Research and Innovation Agency)/ BRIN
11:30 – 12:00	GM. Adhyanggono, SS, MA, PhD (Dean, Faculty of Language and Arts, Soegijapranata Catholic University, Semarang, Indonesia)
12:00 – 13.00	Questions & Answers led by Moderator
13.00 – 14.00	Lunch Break
14:00 – 14:15	Entertainment from FLAcoustic
14:15 – 14:30	Parallel sessions preparation
14:30 – 17:30	Parallel sessions

WEDNESDAY, 16 NOVEMBER 2022

08:00 – 08:30	Pre-registration
08:30 – 09:00	Opening and Prayer
09:00 – 09:15	Video Trailer from SCU & Regional Development Planning Agency of Central Java
09:15 – 09:25	Entertainment from Gratia Choir
09:25 – 09:35	Speech by R. Setiawan Aji Nugroho, ST, MComp IT, PhD (Vice Rector for Innovation, Research & Development, Soegijapranata Catholic University, Semarang, Indonesia)
09:35 – 09:45	Video Trailer from SCU & Regional Development Planning Agency of Central Java

Plenary session 2

09:45 - 10:00

Introduction from the Moderator

10:00 - 10:30

Prof. Dr. Ir. Harold Krikke (Professor in Closed Loop Supply Chains, Faculty of Management, Science & Technology, Open Universiteit, Nederland)

10:30 - 11:00

Drs. Pungky Sumadi, MCP, PhD (Deputy of Population and Employment in the National Development Planning Agency)/ BAPPENAS

11:00 - 11:30

Prof. Dr. Ir. Budi Widianarko, M.Sc. (Professor of Environmental Toxicology, Faculty of Agricultural Technology, Soegijapranata Catholic University, Semarang, Indonesia)

11:00- 11:45

Questions & Answers led by the Moderator

11:45 - 12:15

Coffee Break

12:15 - 12:30

Entertainment from FLAcoustic

12:30 - 13:30

Lunch Break

13:30- 17:30

Parallel sessions

THURSDAY, 17 NOVEMBER 2022

06:00 - 14:00

Onsite Tour: Gedong Songo, Cilosia, Eling Bening