



DCERP



# ICHSPD2021

VIRTUAL CONFERENCE

Pursuing Resilient and Sustainable  
Human Settlements amid Global Risks  
October 20 - 22, 2021

# CONFERENCE PROGRAM

## INTERNATIONAL CONFERENCE ON HUMAN SETTLEMENTS PLANNING AND DEVELOPMENT 2021 20-22 October 2021

DAY 1: October 20, 2021 (WEDNESDAY)  
2:00-5:30 PM (Philippine Standard Time)

2:00- 2:20

### REGISTRATION

2:20-3:05

### PRELIMINARIES

Welcome Remarks

Dr. Ricardo M. Sandalo, Dean, College of Human Ecology  
University of the Philippines Los Baños

Opening Remarks

Dr. Jose V. Camacho, Jr., Chancellor  
University of the Philippines Los Baños

Special Message

Pres. Danilo L. Concepción, University of the Philippines

Conference Overview

Prof. Almira Geles Lumbres-de Mesa, Program Chair

### KEYNOTE ADDRESS

3:05-3:20

Resilient and Sustainable Human Settlement Amid Global Risks

Mr. Atsushi Koresawa, Regional Representative UN-Habitat Asia and the Pacific, Japan

### PLENARY SESSION 1

3:20-3:40

Urban Systems at Risk: Digital Solutions

Dr. Stefan Greiving, TU Dortmund, Germany

3:40 - 4:00

Open Forum

Moderator: Prof. Charm Wissink-Nercua, IHS-Rotterdam, The Netherlands

4:00-4:10

Health Break and Announcements

4:10-5:00

### ORGANIZED SESSIONS

#### **ORGANIZED SESSION 1: The Dark (and Bright!) Side of Municipal Financing**

United Nations Industrial Development Organization (UNIDO)

A Framework for Municipal Financing: Train and interact with municipal officials on the fundamentals of cities' creditworthiness and market-based financing.

Mr. Joshua Gallo, Municipal Finance Advisor

Mr. Ronald Catagena, UNIDO



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**ORGANIZED SESSION 2: Designing and Planning Resilient, Vibrant, and Safe Urban Spaces**  
**College of Architecture, University of the Philippines Diliman**

Using the Community Perception of Wetland Ecosystem Services for Land Use Planning in the Las Piñas, Parañaque Wetland Park  
Prof. Aaron Lecciones

The Influences of an Early Warning System on the Spatial Transformation of a Flood Prone Community  
Prof. Dolores Cecilia T. Madrid

DISENYONG PANLABAS: Visual Merchandising Strategies in Sari-Sari Storefronts during the COVID 19-Pandemic  
Prof. Johanna Victoria A. Faustino

4:10-5:00

**ORGANIZED SESSION 3: Environmental Planning Education in the Philippines: Challenges and Ways Forward (A Round Table Discussion)**

Dr. Ricardo M. Sandalo, Dean  
College of Human Ecology, University of the Philippines Los Baños (CHE-UPLB)

María Jorquesa A. Hakcholna, EnP., National President  
Philippine Institute of Environmental Planners (PIEP)

**ORGANIZED SESSION 4: Re-imagining Resilient and Sustainable Human Settlements through Innovative Social Technologies**

Department of Social and Development Services, College of Human Ecology, University of the Philippines Los Baños (DSDS, CHE, UPLB)

Confronting the 'Complexity Monster': Human Ecology framework for community engagement and dialogue for sustainable urban development  
Dr. Jennifer Marie S. Amparo

Community Governance, Praxis of Social Technology for Sustainable Human Settlements  
Dr. Wilfredo P. Awitan

Engaging communities in program development: Exploratory analysis of social technologies and the co-production of knowledge for Social Impact Assessment  
Mr. John Rigor Perez

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**ORGANIZED SESSION 4: Re-imagining Resilient and Sustainable Human Settlements  
through Innovative Social Technologies**Department of Social and Development Services, College of Human Ecology, University of the  
Philippines Los Baños (DSDS, CHE, UPLB)Confronting the 'Complexity Monster': Human Ecology framework for community engagement  
and dialogue for sustainable urban development

Dr. Jennifer Marie S. Amparo

Community Governance, Praxis of Social Technology for Sustainable Human Settlements  
Dr. Wilfredo P. AwitanEngaging communities in program development: Exploratory analysis of social technologies and  
the co-production of knowledge for Social Impact Assessment

Mr. John Rigor Perez

**ORGANIZED SESSION 5: Zero Waste Cities: Multisectoral and Community-Based Resource  
Management**

GAIA Asia Pacific

There will be three relevant presentations on the implementation of Zero Waste in cities and municipalities. Representation of experts, government implementers and organized waste pickers will talk about how Zero Waste Cities is the better alternative for healthier and just communities. A government representative from one of the Zero Waste Cities collaborators will speak about how governments can apply and support Zero Waste for the benefit of their constituents. It will be also relevant to hear from a Waste Picker representative on how their inclusion to urban and development planning can significantly benefit resource and waste management. Lastly, there will be an introduction of Mission Zero Waste Academy (MiZA), an initiative of GAIA's Europe's office, Zero Waste Europe, and their expert services and accreditation to aid governments, planners, and institutions, implement and sustain Zero Waste programs.

The latter part of the forum will be a venue for asking questions and clarifications that will hopefully connect human settlements planners and practitioners to our panel of Zero Waste experts that will greatly help in mainstreaming the sustainable and community-based solution to our waste problems.

Resource Speakers:

Elizabeth Gutierrez, Philippines

Argin Sundo, Malabon Waste Worker, Philippines

Kaisa Karjalainen, Zero Waste Europe

Fictor Ferdinand, Yayasan Pengembangan Biosains dan Bioteknologi (YPBB), Indonesia



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### **ORGANIZED SESSION 6: Spaces for Health and Innovation PALAFOX**

LIGTAS COVID Centers (Community Isolation Units) Sub-themes: Emerging and Re-Emerging Diseases, Pandemic and Emergencies  
Mr. Antonito Miguel R. Ramos, EnP

Leyte Ecological Industrial Zone, the Philippines' 1st ecological industrial zone Sub-theme: Circular Economy and Sustainability  
Mr. Kelvin V. Tagnipez, EnP

Batangas State University's Knowledge, Innovation and Science Technology (KIST) Park Sub-theme: Capacity Building and Education  
Ar. Emil R. Pinaroc

### **ORGANIZED SESSION 7: RO IV- A Banner Programs**

Department of Human Settlements and Urban Development (DHSUD IV-A)

Given the changing conditions of human settlement and urban development in the region not to mention the complex problems faced by the Region - the rapid urbanization, disasters (Taal eruption and several typhoons), armed-conflict among others, the conference shall provide a venue for all duty-bearers to collaborate, form partnerships and respond to the needs of the Region in providing better, greener, smarter human settlements and urban systems in more inclusive communities.

### **PARALLEL SESSIONS**

#### **PARALLEL SESSION 1: Smart and Healthy Cities**

Healthy City: Binding Resilience and Sustainability for a Human-Oriented Urban Development  
Dr. Zeynep Yaman Galantini

Rethinking Governance and COVID-19: Examining Spatial Relations among LGUs in using Open-Source Data  
Mr. Timothy John Pasicolan

Smart Cities and Public Health: Expectation vs. Reality  
Invited speaker: Ms. Kris R. Villanueva Libunao



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### **PARALLEL SESSION 2: Sustainable Housing Solutions**

Triple Bottomline Analysis of a Socialized Housing Program: The Case of the Bagong Silangan Bamboo Village

Joshua Gabrielle Capili, Melodee Marciana E. De Castro, Ph.D.\*, Dinah Pura T. Depositario, DBA, Romel M. Carlos, Ph.D., Trespalacio, Juan Paulino S. Jr.  
\*corresponding author & presenter

Performance Indicators for Sustainable Affordable Housing in Quezon City, Philippines  
Ms. Angelique de Castro

Urban Policy for Informal Rental Housing: Towards Sustainable Densification of Cape Town's Peripheries

Invited speaker: Dr. Andreas Scheba, University of the Free State, South Africa

### **PARALLEL SESSION 3: Building Inclusive Communities**

Right houses for the wrong owners: The challenge of socialized housing affordability in Davao City, Philippines  
Prof. Micah Amor Yares

Can 'Property' Own Property? South African Housing Crisis as a Human Rights Crisis  
Dr. Eric Nyembezi Makoni

Improving housing conditions through slum upgrading  
Mr. Erick Juma

5:00-5:30

### **DAY 1 SYNTHESIS**

Prof. Rhea Bailey, Department of Human and Family Development Services, College of Human Ecology, University of the Philippines Los Baños





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DAY 2: October 21, 2021 (THURSDAY)  
8:30 AM - 12 NN (Philippine Standard Time)

8:30-8:50 **REGISTRATION**

### OPENING MESSAGE

8:50-9:05 Secretary Eduardo D. Del Rosario  
Department of Human Settlements and Urban Development (DHSUD)  
Philippines

### PLENARY SESSION 2

9:05-9:25 Energy Transitions for Disaster Resilience in the Asia Pacific Region  
Dr. Yekang Ko, APRU Sustainable Cities and Landscapes Hub, United States of America

9:25-9:50 Open Forum  
Moderator: Dr. Renzo Guinto, Planetary and Global Health Program  
St. Luke's Medical Center College of Medicine, Philippines

9:50-9:55 Health Break and Announcements

### 9:55-11:05 ORGANIZED SESSIONS

**ORGANIZED SESSION 8: Marine Litter in the Urban Agenda**  
United Nations Human Settlements Programme (UN-HABITAT)

Marine plastic litter, SDG 11 and well-being of cities and settlements  
Mr. Bernhard Barth

"The global dilemma": A global perspective on ocean plastics and its impacts  
Dr. Vesna Lavtizar

"Of fishes and corals": Management of coastal and marine biodiversity  
Dr. Nanne van Hoytema

"The country's lens": The Philippines National Plan of Action on Marine Litter (NPOA-ML)  
Ms. Ma. Delia M. Valdez

"Action is on the ground": Localizing the NPOA-ML in consideration of spatial planning dimensions (featuring "Hapsay Sapa Creek/Settlements Transformation" as one of the case studies)  
Mr. Bhen A. Aguihon, EnP



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**ORGANIZED SESSION 9: Re-imagining Resilient and Sustainable Human Settlements through Innovative Social Technologies**

Department of Social and Development Services, College of Human Ecology, University of the Philippines Los Baños (DSDS, CHE, UPLB)

Social Technologies Toward Sustainable Livelihoods: Insights from a Small Island Community in Magallanes, Sorsogon, Philippines  
Prof. Clarice Colting-Pulumbart

Examining social enterprises in small island resilience building: does inclusive stakeholder engagement and social technologies matter?  
Prof. Dhino Bonita Geges

Livelihood Transitions in the Time of Pandemic: The Case of San Antonio Trolley Driver's Association (SANTO), Brgy. San Antonio, Los Baños, Laguna, Philippines  
Prof. Francis Mark Dioscoro R. Fellizar

The value of community-based water management organizations in sustainable water for all: The Rotary Community Club of Candelaria Experience  
Dr. Jennifer Maries S. Amparo

**ORGANIZED SESSION 10: Innovative Environmental Technologies for a Sustainable Community Society of Environmental Engineers of the Philippines (SEEP)**

Physico-chemical Assessment of Pilipog- Gabi River, Municipality of Cordova, Cebu Province, Philippines through Water Quality Index  
Ms. Kristina Felice L. Miranda

A preliminary experiment on copper recovery from vetiver grass via cementation onto iron filings  
Ms. Marie Chela B. Cenia

Valorization of Low Economic Value Kapok Fiber to Customizable Absorbents for Wastewater Treatment  
Dr. Mary Donnabelle L. Balela, University of the Philippines Diliman



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**ORGANIZED SESSION 11: Integrated Food Security Phase Classification (IPC)**

Institute of Human Nutrition and Food, College of Human Ecology, University of the Philippines Los Baños (IHNF-CHE, UPLB)

Overview of IPC: What it is and What it is not

Use of IPC in the Philippine Food Security and Nutrition Policy and Programming

Introduction to IPC Training for a New Generation of IPC Analysts  
Ms. Ellen Ruth F. Abella

**ORGANIZED SESSION 13: Approaches in Managing Covid-19 in Laguna, Philippines**

Philippine Institute of Environmental Planners – Laguna Chapter

**ORGANIZED SESSION 14: Negros Occidental Impact 2025 (NOI25 Project)  
Habitat for Humanity Philippines**

"Habitat for Humanity (HFH), in partnership with Hilti Foundation, and through public-private-people partnerships, is implementing the Negros Occidental Impact 2025 (NOI25 Project) with the aim to provide decent, affordable, and disaster-resilient houses to help address the housing gap in the province. The project is envisioned as a catalytic program to provide 10,000 housing units and build sustainable communities using a disaster-resilient Cement Bamboo Frame (CBF) technology.

The NOI25 project is overseen by members of a coalition from the different sectors such as the national and local government, legislative, civil society organizations, and private corporations. The project aims to capitalize on government and private sector resources and opportunities and build the capacities of the local government and the communities in Negros Occidental to help them address the growing and complex housing problem in the province."





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### PARALLEL SESSIONS

#### **PARALLEL SESSION 4: Addressing Cities at Risk**

Evaluating the Cooling Effect of Blue-Green Infrastructures (BGI) as an Urban Heat Island (UHI) Mitigation Strategy: The Case of Iloilo River Esplanade in Iloilo City, Philippines  
Engr. John Andrew Cruz

The Impacts of Land Use and Land Cover Changes on the Climate and Urban Heat Island Phenomenon in a Highly Populous Metropolitan Area: The Case of Davao City, the Philippines  
Prof. Ma. Charisma Malenab

Cooperation for Environmental Governance and Management in the City of San Juan  
Ms. Katherine Buenafior

Resilience from Below: A Framework for Radical Planning Approach toward 'Just Sustainabilities'  
Invited Speaker: Prof. Efraim Roxas, EnP

#### **PARALLEL SESSION 5: Hazards, Risks and Human Settlements**

Automatic Road Crack Detection Using In-Vehicle Camera for Road Crack Evaluation  
Mr. Jose Maria Geda

Seismically-Induced Landslide Hazard Analysis of the Agno, Buayan-Malungon, Cagayan and Mindanao River Basins, Philippines  
Mr. Angelo Mathew Reyes

Hydrometeorological Risk Prevention Model in Veracruz city  
Dr. Jorge Lopez

Non-Ergodic Probabilistic Seismic Hazard Methodology Using Physics-Based Ground Motion Prediction: A Case of L'Aquila, Italy  
Prof. Jedidiah Joel Aguirre



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### **PARALLEL SESSION 6: Creating Capacitated and Inclusive Communities**

Empowering the Adult Learner: A Multimodal Discourse Analysis of the Pantawid Pamilyang Pilipino Program's Family Development Session

Mr. Cheeno Marlo Sayuno\*, Dr. Mary Ann Evangelista and Ms Charmain Valero

\*presenter

Technical knowledge transfer as pathway to building community resilience in Lupang Arenda settlement in Taytay, Rizal

Ms. Geraldine Matabang

The Role of Social Enterprises for Capacity-building in Dulag, Leyte

Mr. Andrew Siguan

### **PARALLEL SESSION 7: Embracing Inclusivity of Human Settlements**

Suppliers' Food Transport Requirement Compliance to the Food Safety Act for Institutional Government Account: A Case of the New Bilibid Prisons

Asst. Prof. Racquel R. Raymundo

The people near the river is the people of the river': Exploring the symbiotic relationship of the Batak of Kayasan and Babuyan River in Puerto Princesa City, Palawan, Philippines

Mr. Ramil Cyril Dacillo

Leveling the playing field for the street dwellers during COVID-19 pandemic: a multi-stakeholder approach towards inclusive growth

Mr. Timothy John Pasicolan

11:05-11:30

Ceremonial Opening of Exhibit Hall, Gallery of Poster Presentations and Networking Break

11:30-12:00

### **DAY 2 SYNTHESIS**

Dr. Aimee Sheree A. Barrion, Director, Institute of Human Nutrition and Food, College of Human Ecology, University of the Philippines Los Baños



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2:00- 2:20

### REGISTRATION

2:20-2:25

### SPECIAL MESSAGE

Vice-President Leni Robredo, Office of the Vice President, Philippines

2:25-3:00

### PLENARY PANEL DISCUSSION

Urban Resilience

Mayor Maria Isabelle Climaco-Salazar, City of Zamboanga, Philippines

Dr. Indrajit Pal, AIT-Thailand

Dir. Yasar Adanali, Mekanda Adalet Dernegi (Center for Spatial Justice-), Turkey

Reactor: Maria Adelaida "Laida" Mias-Cea, UN-Habitat Climate Change Coordinator for Asia and the Pacific

3:00-3:25

### Open Forum

Moderator: Dr. Chingwen Cheng, Arizona State University, United States of America

3:25-3:30

Health Break and Announcements

3:30-4:20

### ORGANIZED SESSIONS

#### **ORGANIZED SESSION 15: Designing and Planning Resilient, Vibrant, and Safe Urban Spaces**

College of Architecture, University of the Philippines Diliman (UPCA)

Conceptual dilemmas and design fallacies in the era of Climate Change

Prof. Romeo B. Santos

Home-office lighting for productivity

Prof. Richelle Baria

Survey of Bio-gas as alternative energy for residential homes

Prof. Ernesto Abaya



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**ORGANIZED SESSION 16: Re-imagining Resilient and Sustainable Human Settlements through Innovative Social Technologies**

Department of Social and Development Services, College of Human Ecology, University of the Philippines Los Baños (DSDS, CHE, UPLB)

Completing the Loop: Pitching for Death and Dying Discourse in Human Ecology  
Prof. Maria Emilinda T. Mendoza

A Human Ecology approach in understanding the conservation Practice in Calatagan Mangrove Forest Conservation Park (CMFCP) in Calatagan, Batangas  
Mr. Joshua Ladia

Designing a Participatory Disaster Risk Reduction and Management Plan of a Lakeshore Community: The Case of Barangay Bayog, Los Baños, Laguna  
Ms. Joyce Caponpon

**ORGANIZED SESSION 17: Exploring Risk and Resilience Factors of Adolescents' Social Emotional Learning through Mixed Methods**

Department of Human and Family Development Studies, College of Human Ecology, University of the Philippines Los Baños (DHFDS, CHE, UPLB)

Understanding Socio-emotional Learning in Adolescence: A Project Overview  
Prof. Nephtaly Joel B. Botor

Risk and resilience factors to socio-emotional learning: A qualitative exploration  
Prof. Sarah Jen Paccarangan

Filipino adolescents' conceptualization of Social and Emotional Learning  
Prof. Katrina Marie Jolejole

Development and Initial Validation of the Adolescent Social-Emotional Learning Scale  
Prof. Raphael M. Ferrer



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**ORGANIZED SESSION 18: The TAP HSP Experience: Stakeholders' Perspectives on the Challenges and Potentials in Local Planning**

Department of Community and Environmental Resource Planning, College of Human Ecology, UPLB

Prof. Almira Geles L. De Mesa

Invited Moderator: Mr. Kenneth Bernard Hizon

The LGU Perspective: The Case of Pinamalayan, Oriental Mindoro  
MPDC Rosenio Toriano, EnP.

Sharing of Experience from a Planning Mentor's Perspective  
Mrs. Elizabeth Bandojo, EnP.

Insights and Lessons Learned from a Planning Assistant's Perspective  
Ms. Kristine Dayrit, EnP.

**ORGANIZED SESSION 19: Developing Resilient Human Settlements Framework: Sharing National and Global Perspectives in Promoting Resilient and Pandemic-Ready Urban Systems**

United Nations Human Settlements Programme (UN-Habitat) and  
Department of Human Settlements and Urban Development (DHSUD)

The proposed session on "Developing Resilient Human Settlements Framework: Seeking Global Perspectives in Promoting Resilient and Pandemic-Ready Urban Systems" is part of the ICHSPD 2021 and seeks to support the discourse on urban resilience. In particular, the session aims to contribute knowledge sharing in all the four sub-themes of the conference namely: (i) Creating safe and secure human settlements amid global turmoil (ii) Building inclusive communities in challenging times (iii) Overcoming vulnerabilities for resilient communities and ecosystems and (iv) Advancing efforts and innovative solutions towards a sustainable future.

By virtue of RA 11201 (DHSUD Act), the newly created Department is tasked to formulate a framework for "resilient housing and human settlements" as a basis for mechanisms for post-disaster housing and resiliency planning. The said framework also aims to guide the stakeholders in managing urbanization in a sustainable manner and provide a strong policy foundation in implementing the National Human Settlements and Urban Development Sector Plan (NHSUDSP). This urban policy initiative is supported by the UN-Habitat under its Building Climate Resiliency through Urban Plans and Designs Project (BCRUPD). While the session topic/title is national in nature, it has a compelling case and relevance to the global discourse on building urban resilience. Hence, the session aims to share DHSUD's experience in the development of the said framework and facilitate a structured knowledge exchange with a selected international panel of reactors and experts.

[www.ichspd.com](http://www.ichspd.com)





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### **ORGANIZED SESSION 20: Community Resilience (Session II)** **Habitat for Humanity Philippines**

The sustainability and resiliency of vulnerable communities, especially marginalized sectors, lies in the collaboration between the organized communities, development institutions, youth volunteers and the local government. Habitat communities in Navotas City and Sulangan, Bantayan Island Cebu Province continuously overcome their vulnerabilities through in-city and on-site disaster resilient shelter development. Community based organizations including youth groups were organized, mobilized and trained on leadership and disaster risk reduction, access to social services, livelihood, skills development, social protection and community infrastructures projects geared towards building community resilience. COVID-19 pandemic did not stop youth engagement, rather, it amplified their roles and capacities. Habitat Philippines campus-based youth organizations continue to share their resources and capacities to support the homeowners' associations in community development initiatives to address the vulnerabilities of families in selected resettlement sites in Metro Manila.

### PARALLEL SESSIONS

#### **PARALLEL SESSION 8: Creating Safe and Secure Communities through Recovery and Resilience Stories**

Climate Resilience: Life Stories on Devastation, Recovery, and Coping of Selected Residents of Brgy. Nangka, Marikina City, Metro Manila  
Ms. Rinarhae Shalom Seguin

Sustainability in Storybooks: The Role of Child Readers in Fostering Resilience and Innovation Towards a Sustainable Future  
Mr. Cheeno Marlo Sayuno

The Concept of Tibag-Tayo as the Answer to Pandemic: The Case of Pasig Central Town in the First Days of Lockdown  
Mr. Danim Majerano



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### **PARALLEL SESSION 9: Overcoming Vulnerabilities for Resilient Communities**

The Role of Past Crises in the COVID-19 Response in Informal Settlements of Buenos Aires and Freetown  
Ms. Karenna Groff

The Spatio-Temporal Effects of a Flooding Disaster to the Economic Geography of a City: the Case of Tropical Storm Sendong with Cagayan de Oro  
Msc. Jeffy John Tomarong

Urban resilience in the aftermath of Tropical Storm Washi in the Philippines: the role of autonomous household responses  
Mr. Karl Sam Maquiling

### **PARALLEL SESSION 10: Water resources and Society**

Spatial Distribution Mapping and Assessment of Resorts in Los Baños, Laguna, Philippines  
Prof. Jan Joseph Dida

The Effect of Rainfall Variability on the Design of Rainwater Harvesting for Built-up Settlements: The Case of Cagayan de Oro City  
Mr. Jefferson Vallente Jr.

DRR and Climate Change in Selected Urban Cities of the Philippines  
Invited Speaker: Prof. Patricia Ann Jaranilla-Sanchez, PhD  
Interdisciplinary Studies Center for Water UP Los Baños

### **PARALLEL SESSION 11: Ensuring Food Security Amidst Global Risk**

Edible Landscaping in Urban Communities Towards Self-Sufficiency: A Baseline Socioeconomic Assessment Study  
Prof. Rowena de Guzman

Gearing up Towards Edible Landscaping in Quezon City: Preliminary Analyses of Capacity Building Activities amidst the COVID-19 Pandemic  
Mr. Remuel Torres

Formulation of Nutri-chips for Disaster Resiliency  
Invited Speaker: Prof. Geraldin G. Tayag  
Institute for Climate Change and Environmental Management, CLSU



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2:00-5:30 PM (Philippine Standard Time)

### DAY 3 SYNTHESIS

4:20-4:35 Dr. Jennifer Amparo, Department of Social Development Services, College of Human Ecology, University of the Philippines Los Baños (DSDS, CHE, UPLB)

### PLENARY SYNTHESIS

4:35-5:00 Ways forward on Pursuing Sustainable and Resilient Human Settlements  
Dr. Jan Fransen- IHS-EUR, Rotterdam, The Netherlands

### RESPONSE REMARKS

5:00-5:15 Pursuing Resilient and Sustainable Human Settlements amid the Global Risk  
EnP. Ar. María Jorquesa A. Hakcholna, Philippine Institute of Environmental Planners, Philippines

### CLOSING REMARKS

5:15-5:30 Dr. Edgar Reyes Jr., Department of Community and Environmental Resource Planning, College of Human Ecology, University of the Philippines Los Baños

5:30-5:40 Health Break

### FELLOWSHIP EVENT