



Republic of the Philippines  
**Department of Education**  
Cordillera Administrative Region

MAR 14 2023

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March 14, 2023

**REGIONAL MEMORANDUM**

No. 135.2023

**GREENTECH SUMMIT 2023**

To: Schools Division Superintendent  
DepEd Regional and Division Engineers  
DepEd Project Engineers  
All others concerned

1. In reference to the invitation letter from the Philippine Institute of Civil Engineers Baguio City Chapter (PICE-Baguio) on the conduct of **GREENTECH SUMMIT 2023** on **April 13-14, 2023**, at the **Baguio Convention & Cultural Center** with its theme: **"Build Back Better-Build Green!"**, all DepED Civil Engineers are strongly encouraged to attend.
2. Participants shall register at [bit.ly/GTS\\_23](https://bit.ly/GTS_23). Early Registration rate will be until March 23, 2023 at P 2,700.00, while late registration rate is until April 7, 2023 at P3,000.00.
3. Travel and other incidental expenses of Participants shall be charged against local funds subject to the usual auditing and accounting rules and regulations.
4. For information and appropriate action.

**ESTELA P. LEON-CARIÑO EDD, CESO III**  
Director IV/Regional Director

ESSD/EHM/cbh





PICE Baguio Chapter in partnership with REAP CAR Chapter



# GREENTECH SUMMIT 2023

APRIL 13-14, 2023 . Baguio Convention & Cultural Center

*"Build Back Better – Build Green"*

28 February 2023



**ESTELA P. LEON-CARIÑO EdD, CESO III**  
Regional Director  
DepEd-CAR

Attention: **ENGR. CHRISTOPHER B. HADSAN**

Subject: **GREENTECH SUMMIT 2023 - APRIL 13 - 14, 2023 @ BCCC**

**Dear Director Cariño,**

Greetings!

We are all aware of the drastic effect of Climate Change in the global scene, and most especially in our country. The Philippines has experienced sea level rise, extreme rainfall, increased occurrence and severity of typhoons, flooding, landslides, among others, which has resulted in resource shortages and environmental degradation. Everyone who wants a future for their children's children attempt to do their part in mitigating Climate Change.

The PICE Baguio Chapter, as an NGO member of the Climate Change Council of Baguio City (EO 154 series of 2022), feels this sense of urgency. As construction industry professionals, we are well aware of the grave impact of our industry to the environment<sup>1</sup>. We believe that it is imperative to share knowledge to construction industry professionals and stakeholders about Green Engineering or Sustainable Infrastructure, as a major contributor toward Climate Resiliency.

Thus, the PICE Baguio Chapter in partnership with REAP CAR, is conducting the **GREENTECH SUMMIT 2023** for two whole days this **April 13-14, 2023** at the **Baguio Convention & Cultural Center**.

The GREENTECH SUMMIT 2023 with its theme: "Build Back Better – Build Green!" aims to imbibe into the construction industry practice the necessity, responsibility and know-how of sustainability and environmental protection. To date we already have a total of 14 resource speakers, 4 of whom are international experts, each with their specific field. Also, we have applied with the Professional Regulation Commission for Accreditation as a CPD Program, and are currently awaiting the number of CPD units they will grant. Please see the attached flyer for more information.

In this regard, we are respectfully requesting for your Official Authorization allowing the participation of **DepEd-CAR** Civil Engineers and other construction industry professionals (architects, environmental planners, sanitary engineers, and other engineers) to attend this summit. Registration is inclusive of 2 snacks & 1 lunch for 2days: Early Registration Rate until March 23, 2023 at P2700.00k, Late Registration Rate until April 7, 2023 Friday at P3000.00. We are enjoining those interested to reserve at this online link: [bit.ly/GTS\\_23](https://bit.ly/GTS_23) since we only have Limited Slots, and *No on-site registration/walk-ins*. All information on rates including updates on CPD units will be in the said link. Additional queries may be submitted there. We look forward to a favorable response from you.

Thank you most sincerely.

Very truly yours,

*(Signature)*  
**VICTORIA FERRER, MSc SE**  
Greentech Summit Chair

*(Signature)*  
**CHARLES CARAMÉ, MPA**  
PICE Baguio VPA

*(Signature)*  
**CARMELLE BAUTISTA, PhD Urban Devt**  
PICE Baguio VPO

*(Signature)*  
**RICHARD C. PASGUA**  
PICE Baguio President

*(Signature)*  
**RD KHADAFFY D. TANGGOL**  
REAP CAR President

<sup>1</sup> Quote from World Economic Forum, "Planet-warming carbon dioxide emissions from buildings and construction are jeopardizing global goals to keep devastating climate change at bay."

PICE BAGUIO IN PARTNERSHIP WITH REAP CAR PRESENTS



# GREEN TECH SUMMIT 2023



APRIL 13-14, 2023 · BAGUIO CONVENTION & CULTURAL CENTER

THEME: "BUILD BACK BETTER — BUILD GREEN!"

## ALPHABETICAL LIST OF TOPICS & CONFIRMED SPEAKERS



"CO-BENEFITS"  
*Eric Zusman, PhD*



"INNOVATIVE APPROACH TO NATURE-BASED SOLUTIONS FOR URBAN CLIMATE RESILIENCE"  
*Stine Dybkjaer, MS Environmental Engineering*



"SUSTAINABLE INFRASTRUCTURE: PLANNING FOR RESILIENCE AND CLIMATE CHANGE ADAPTATION"  
"CIRCULAR ECONOMY PRINCIPLES AND IMPORTANCE OF CARBON MODELLING"  
*Maria Theresa Austria, CE, MIEExam, ISAP, GSAP*



"CARRYING CAPACITY AND CLIMATE CHANGE - ZONING FOR BAGUIO CITY"  
*Donna R. Tabangin, Arch. EnP, MA Urban & Regional Planning*



"MANAGING ENVIRONMENTAL FLOWS & OPTIMIZING DESIGN FLOWS FOR ROR HYDROPOWER PLANTS"  
*Rafael B. Macabig, MSCE Water Resource Engineering*



"SUSTAINABLE SLOPE PROTECTION"  
*Mary Carmello V. Bautista, CE, PhD Urban Development*



"CONSTRUCTION WASTE AND ITS IMPACT ON THE ENVIRONMENT"  
*Edgardo D. Espejo, CE, EnP, MA Environmental & Habitat Planning*



"PILOT ROAD RESEARCH PROJECT ON THE USE OF LOW-DENSITY POLYETHYLENE (LDPE) POLYMER (PLASTIC BAG WASTE) AS ADDITIVE OR MODIFIER IN HOT MIX ASPHALT (PLASTIC ROAD)"  
*Neilson Tolentino Campit, CE, MA Environment & Sustainability*



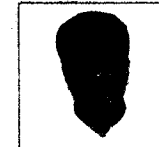
SUSTAINABLE WASTEWATER TREATMENT USING THE AEROBIC GRANULAR SLUDGE TECHNOLOGY"  
*Sjoerd Kerstens, PhD*



"DEVELOPMENT OF MICROGRIDS DEVELOPMENT OF HYBRID MICROGRIDS, A SUPPORT TO THE ENERGY TRANSITION IN THE PHILIPPINES"  
*Quintin V. Pastrana, MBA, MA International Relations*



"PROJECT GU HEAT"  
*Nathaniel Vincent A. Lubrica, CE, EnP, MA Environmental & Habitat Planning*



"THE CIVIL ENGINEER'S ROLE IN ENVIRONMENTAL MANAGEMENT"  
*Raul Cubangay, CE, EnSE, MPA*



"GREEN CONCRETES"  
*Christian Orozco, CE, MS Environmental Engineering*



SPATIAL EQUITY: A PARAMETER FOR SUSTAINABLE DEVELOPMENT  
"INDIGENIZING PLANNING FOR GEOTECHNICAL AND ENVIRONMENTAL SUSTAINABILITY; TOWARD MITIGATING NATURAL DISASTERS IN THE PHILIPPINES"  
*Joselito F. Bukangin, CE, PhD Engineering*



ENDORSED BY THE BAGUIO CITY CLIMATE CHANGE COUNCIL

AWAITING APPROVAL OF CPD PROGRAM ACCREDITATION  
**LIMITED SLOTS**  
NO ON-SITE REGISTRATION/WALK-INS  
**LINK & QR CODE**  
[bit.ly/GTS\\_23](https://bit.ly/GTS_23)

