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GREENHOUSE GAS ACCOUNTING SPECIALIST
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URBAN GREENHOUSE GAS INVENTORY

UGHG OVERVIEW

ONLINE TRAINING BY KRISHNAJI PAWAR

LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

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MODULE 6

Becoming an Urban Greenhouse Gas Inventory Specialist

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URBAN GREENHOUSE GAS INVENTORY - UGHG OVERVIEW

The CCP program has introduced a certificate for community-level GHG emissions inventory accounting, focusing on developing and tracking local inventories using the internationally recognized Global Protocol for Community-Scale Greenhouse Gas Emission Inventories.

Learning Objectives

- Introduction
- Accounting and Reporting Principles
- Setting the Inventory Boundary
- City Actions on Climate Change
- City Climate Planner Program -Organization
- Becoming an UGHG Inventory Specialist
- Summary and Resources

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INTRODUSCTION

- Specializes in community-scale greenhouse gas emissions measurement.
- Provides reliable, quality data for city-level climate action planning.
- Ideal for local government professionals, consultants, and academic/nonprofit groups.

ADVANCING SUSTAINABLE URBAN DEVELOPMENT

- Program led by Green Business Certification Inc., World Resources Institute, and ICLEI.
- Aims to increase global talent in city climate planning professionals.
- Cities, as economic centers, can help mitigate climate change.
- Choices made by local governments about emissions management and climate change preparation impact city health and economic well-being.
- Smart green growth initiatives can offset climate change impacts.



URBAN GREENHOUSE GAS INVENTORY SPECIALIST CREDENTIAL

- Specializes in community-scale greenhouse gas emissions measurement.
- Provides reliable, quality data for city-level climate action planning.
- Ideal for local government professionals, consultants, and academic/nonprofit groups.

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COMMUNITY-LEVEL GHG EMISSIONS INVENTORY ACCOUNTING CERTIFICATE

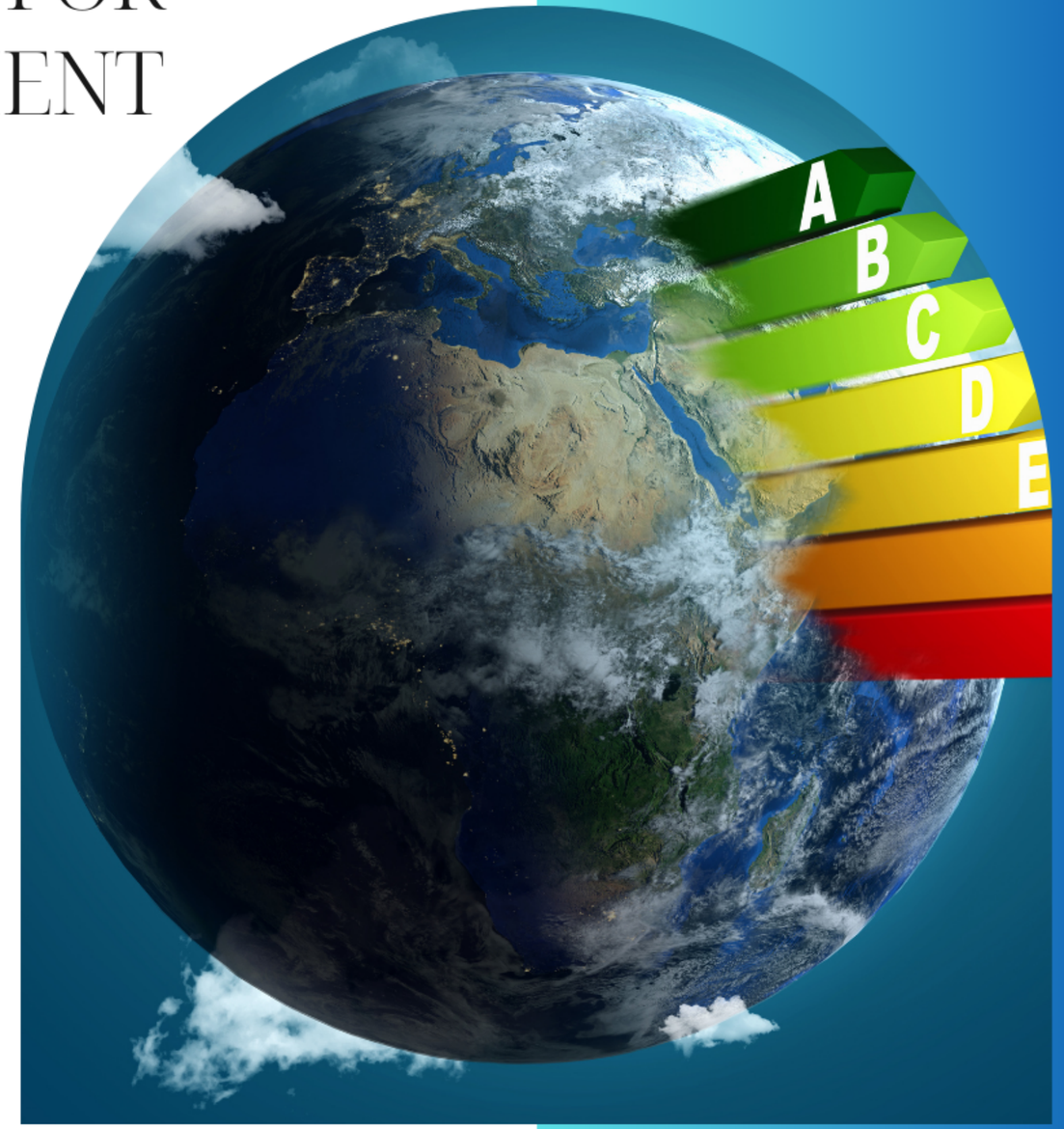
- Developed under CCP program.
- Applicable to individuals aiding in local GHG emission tracking.
- Core on Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC).



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ELIGIBILITY REQUIREMENTS FOR GHG INVENTORY DEVELOPMENT

- Must have experience in project planning, defining emissions inventory scope, managing data, calculating emissions, synthesizing results, and reporting activities.
- Must have a degree in higher education or five years of related field work.
- Related fields may include agriculture, climate science, economics, energy, environmental, facilities management, natural resources, public administration, sustainability, transportation, urban planning, utilities management, and waste management.



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URBAN GREENHOUSE GAS INVENTORY SPECIALIST EXAM KNOWLEDGE DOMAINS

1. Project Planning (5 Questions)
2. Defining the Scope of an Emissions Inventory (8 Questions)
3. Managing Data (35 Questions)
4. Calculating emissions (16 questions)
5. Synthesizing Emission Inventory Results (8 Questions)
6. Reporting Activities (8 Questions)



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URBAN GREENHOUSE GAS INVENTORY SPECIALIST UGHG EXAM QUESTION BANK

On-demand Learning Courses and Exam Question Banks





Learning Objectives

- Assess knowledge domain before final exam.
- Access to 400 questions in FIVE simulated exams.
- Understand reasoning behind questions and answers.
- Familiarize with urban greenhouse gas inventory terminology.
- Pass exam on first attempt.
- New UGHGI: 166+ Key Terminology Flash Cards.
- UGHGI_Engineering and HVAC Design Equations.

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Who can benefit?

- Any professionals seeking Urban Greenhouse Gas Inventory Specialist certification
- Industrial engineers, energy managers, facilities and business managers.
- Utility, consultant, contractor, financial officers, supply chain.
- Experts at energy service companies select and implement the best GHG reduction solutions.
- Young professionals eager to help their company reduce GHGs.



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Advantages of Becoming a Urban Greenhouse Gas Inventory Specialist

- Establishes a career path in climate planning.
- Provides quality assurance to potential employers.
- Establishes technically sound practices for improved climate planning quality.
- Fosters professional communities and associations.
- Links inventory findings to broader climate goals for policy formulation and green growth.



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URBAN GREENHOUSE GAS INVENTORY SPECIALIST - UGHG TRAINING

FOR GHG & CLIMATE CHANGE SPECIALISTS

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP

ENVIRONMENTAL SPECIALIST CURRICULUM

LEARNING OBJECTIVES



Learn GHG and Climate Change from a global perspective, but also understand applicable codes, standards, and policies for your region or country.

Urban Greenhouse Gas Inventory Specialist - Exam Knowledge Domains

Identify data needed to conduct a greenhouse gas inventory that addresses the Stationary Energy, Transportation and Waste sectors.

This training covers how to identify the sources of greenhouse gases in a urban Development or Cities , collect data and measure emissions.

Describe approaches for gathering existing data, generating new data, and adapting data to meet the needs of the inventory.

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