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Course Instructions

NOTE: The following two pages contain a preview of the final exam. This final exam is identical to the final exam that you will take online after you purchase the course.

After you purchase the course online, you will be taken to a receipt page online which will have the following link: **Click Here to Take Online Exam**. **You will then click on this link to take the final exam.**

3 Easy Steps to Complete the Course:

1.) **Read the Course PDF – download from our website**

2.) **Purchase the Course Online & Take the Final Exam – see note above**

3.) **Print Out Your Certificate**

FINAL EXAM - Green Building and Climate Resilience

1. The majority of efforts to address climate change through green building are focused on:

a. employee productivity.
b. reuse and recycling.
c. reducing greenhouse gas emissions.
d. waste water reduction.

2. According to Table 1, stormwater management systems, including retention and detention ponds, are sized using past precipitation data and current definitions of 50 or 100 year storm events.

True
False

3. With regards to *greenhouse gases*, the accumulation of *greenhouse gases* in the atmosphere is driving the increase in global temperature and other climatic changes.

True
False

4. As per Figure 1, concentrations of atmospheric greenhouse gases over the last 2000 years have:

a. decreased.
b. stayed unchanged.
c. fluctuated up and down.
d. increased.

5. Considering *regional scale impacts*, discussions of regional effects tend to focus on:

a. energy, water and transportation systems.
b. air quality, water and transportation systems.
c. air quality, energy and transportation systems.
d. air quality, water and energy.

6. With regards to *neighborhood scale impacts*, neighborhoods separate individual building sites from the broader city and regional contexts.

a. True
b. False

7. Regarding *neighborhood design and form*, the design and pattern of neighborhoods that combine to form our cities play an important part in amplifying or dampening climate effects.

a. True
b. False

8. When considering *site or project scale impacts*, in assessing the impacts of climate change at the site and building level:

a. it is important to draw connections to associated effects at the neighborhood, city and regional scales.
b. it is not important to consider associated effects at the neighborhood scale.
c. trying to draw connections to associated effects at the neighborhood, city and regional scales is meaningless.
d. only certified data from USGBC should be considered.

9. Regarding *current knowledge gaps*, according to the USGCRP:

a. most local communities have gathered vast amounts of data regarding a changing climate.

b. most communities have already adapted to possible climate changes.

c. there is currently limited knowledge about the ability of communities and regions to adapt to a changing climate.

d. several communities have a pilot program of block grants to help property owners adapt to climate change

10. Considering *regional climate change impacts (B-1)*, the predicted effects of climate change are similar from region to region.

a. True

b. False

PDH Academy
AIA CES Provider Number: 50119838

Course Title:

Green Building and Climate Resilience

Course Description:

This course presents report findings that summarize the most recent research on the likely impacts of climate change at various scales: regional, neighborhood, and site or building. It predicts climate change by region, and wherever possible, presents a range of predicted future characteristics in the categories of temperature, precipitation, coastlines, air quality, pests, and fire. This document also explores how climate change mitigation and adaptation efforts at all scales interact synergistically, with a focus on how green building professionals can approach adaptation in the built environment.

This course includes a multiple-choice exam at the end, to test the student's knowledge and comprehension of the topics, and to comply with AIA and state requirements.

Learning Objectives:

At completion of this course, you will:

- Understand the probable impacts of climate change on the built environment.
- Understand how climate change is likely to affect particular regions and how these effects can be measured.
- Know how to set modified performance goals based on the probable impacts.
- Be able to incorporate appropriate adaptation strategies so that newly constructed buildings will be suitable for a range of uncertain futures.

AIA CES Registered Course Number: AIAPDH110

Number of AIA CES Learning Units/HSW: 7 LU/HSW (7 hours)

NOTE: PDH Academy is registered as an AIA Approved Provider. Credits earned on completion of this course will be reported to AIA CES for AIA members. We will also provide certificates of completion upon passing this course to both members and non-members.

This course is registered with the AIA CES for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing or dealing in any material or product.

If you have any questions regarding the course, you can contact us at 888-564-9098 or pdhacademy@gmail.com.

EVALUATION FORM – PDH Academy LLC (AIA CES Provider #50119838)

We want to ensure that our training sessions are as meaningful as possible and appreciate your candid feedback. Please mail completed forms to:

PDH Academy, 15417 W. National Ave., #312 New Berlin, WI 53151

If you would like to offer feedback on this course to AIA CES, please visit www.aia.org/CESFeedback

Course Title: Green Building and Climate Resilience **Course Number:** AIAPDH110

Date: _____

Please indicate your role:

❏ Architect ❏ Intern ❏ Specification Writer ❏ Legal / Accounting /Staff

CIRCLE ONE NUMBER PER QUESTION:	Poor			Excellent
1. Overall satisfaction with this course:	1	2	3	4
2. Course learning objectives clearly stated and met:	1	2	3	4
3. Satisfaction with the format of this course:	1	2	3	4
4. Met overall personal objectives for attending:	1	2	3	4
5. Quality of course content:	1	2	3	4
6. Applicability/value of new knowledge, ideas, or information:	1	2	3	4

7. This course was non-biased, non-promotional of product, material or service: ❏ Yes ❏ No

If no, please explain: _____

How could this course be improved? _____

_____

_____

What other topics would be of interest? _____

_____

_____

Additional Comments: _____

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