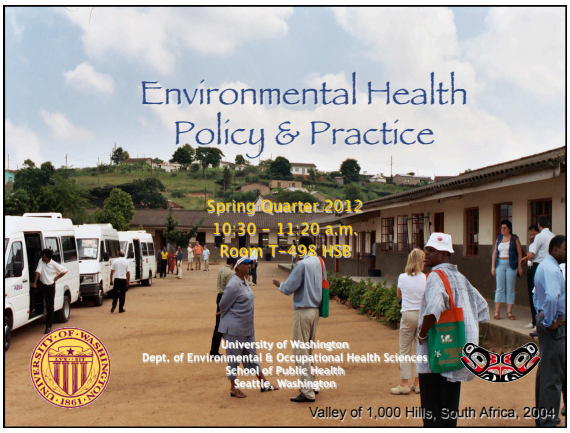


Announcements

Presented by Rina Romano with WashPIRG at UW...

KING CORN MOVIE SCREENING

A documentary on the crop driving our fast-food nation

When: Tuesday, May 15th, 7:30 - 9:30 PM

Location: SMI 120

(ALSO, FREE FOOD)

WashPIRG

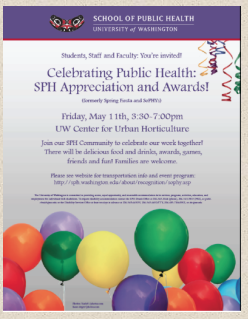
ENV H 311: Lesson 21 2

Announcements

- **DEOHS Seminar:**
  - **Title:** ***Indoor Air Pollution in the United Arab Emirates***
  - **Speaker:** Karin Yeatts, PhD
    Research Assistant Professor
    Dept. of Epidemiology
    University North Carolina
  - **Date:** Thursday, 17 May 2012
  - **Time:** 12:30 - 1:20 p.m.
  - **Location:** Room T-435 HSB

ENV H 311: Lesson 21 3

Announcements



- The SPH community celebrates public health and our work together,
- Celebration Schedule
  - 3:30-4: Drinks, snacks
  - 4-5pm: Awards Program
  - 5-7pm: Community Celebration, dinner, games, etc.

ENV H 473: EH Policy & Practice 4

Environmental Health Policy & Practice

Lesson 21.
Competencies And Services

11 May 2012

Chuck Treser
University of Washington
Dept. of Environmental & Occupational Health Sciences

ENV H 473: EH Policy & Practice 5

Core Functions of Public Health

Assessment
Policy Development
Assurance

Ten Essential Services of Public Health

Ten Essential Services of Environmental Health

ENV H 473: EH Policy & Practice 6

The 10 Essential Services

1. Monitor environmental & health status
2. Diagnose & investigate health threats
3. Inform, educate, & empower
4. Mobilize community partnerships
5. Develop policies & plans
6. Enforce rules & regulations
7. Link people to needed services
8. Ensure a competent workforce
9. Evaluate effectiveness & quality of services
10. Research for new insights

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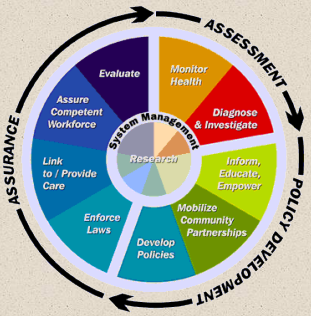
Link to Essential Services



Describes an optimally functioning EH system

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Putting It Into Practice

- Okay, that's great . . .
  - It tells us what we are supposed to be doing.
  - How do we know that we are doing it?
  - And, how well are we doing it?

ENV H 473: EH Policy & Practice 9

Performance Indicators

- What is a performance indicator?
  - A tool for identifying and communicating the status of your system's performance.
  - It answers the question: "How am I doing?"

ENV H 473: Lesson 20 10

The SMART formula

- Specific
  - One action verb?
- Measurable
  - Was it accomplished?
- Acceptable
  - Are people committed to it?
- Realistic
  - Is it politically feasible?
  - Are there resources?
- Time Bound
  - When will it be accomplished?

ENV H 473: Lesson 20 11

Example

"By December 31, train all Environmental Health services staff on how to conduct community environmental health assessments"

ENV H 473: Lesson 20 12

Specific

"By December 31, train all Environmental Health services staff on how to conduct community environmental health assessments"

ENV H 473: Lesson 20 13

Measurable

"By December 31, train all Environmental Health services staff on how to conduct community environmental health assessments"

ENV H 473: Lesson 20 14

Acceptable

"By December 31, train all Environmental Health services staff on how to conduct community environmental health assessments"

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Realistic

"By December 31, train all Environmental Health services staff on how to conduct community environmental health assessments"

Time Bound

"By December 31, train all Environmental Health services staff on how to conduct community environmental health assessments"

A Real Example

- WNV and the Essential Services in Washington State
  - Monitor health status
    - ✓ Perform mosquito trapping by 12/03
  - Diagnose & investigate
    - ✓ Develop case report forms and protocols by 6/03
  - Inform, educate, & empower
    - ✓ Develop WNV webpage by 6/03
  - Mobilize partnerships
    - ✓ Develop agreement w/ US Army to perfect lab tests by 12/ 03
  - Develop policies & plans
    - ✓ Develop a statewide response plan by 6/04

WNV Example *Continued*

- Enforce rules
  - ✓ Review adequacy of pesticide laws by 3/03
- Link people to needed services
  - ✓ Hire a PH veterinarian by 12/03
- Assure competent personnel
  - ✓ Provide enhanced vector control training by 6/04
- Evaluate effectiveness
  - ✓ Appoint interagency oversight group by 12/03
- Conduct research
  - ✓ Review activities of other states by 6/03

ENV H 473: Lesson 20 19

Another Real Example

- Food Safety and Essential Services in Oregon
  - Monitor health status
    - ✓ Develop a system to receive illness reports (6/02)
  - Diagnose & investigate
    - ✓ Develop a process for timely investigations (5/02)
  - Inform, educate, & empower
    - ✓ Appoint a Food safety advisory committee (12/02)
  - Mobilize partnerships
    - ✓ Develop a Process to identify stakeholders (6/02)
  - Develop policies & plans
    - ✓ Prioritize and rank food safety issues (6/02)

ENV H 473: Lesson 20 20

Food Safety Example *Continued*

- Enforce rules
  - ✓ Assure consistency of regulatory actions (12/02)
- Link people to needed services
  - ✓ Develop an up-to-date referral directory (9/02)
- Assure competent personnel
  - ✓ Develop an on-going training plan (12/02)
- Evaluate effectiveness
  - ✓ Put a quality improvement plan into place (9/02)
- Conduct research
  - ✓ Conduct research projects through grants or partners (6/03)

ENV H 473: Lesson 20 21

Questions

ENV H 473: Lesson 20 22

Just to Confuse the Issue

- Around the same time CDC and APHA spearheaded the development of a document outlining the Competencies that Environmental Health practitioners should possess.

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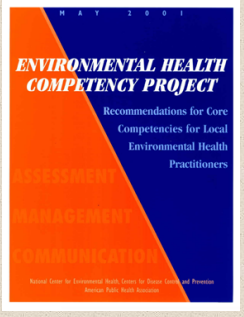
EH Competencies



- Where did they come from?
  - APHA & CDC Project – May, 2001
  - 14 Core Competencies in 3 major groups:
    - ✓ Assessment
    - ✓ Management
    - ✓ Communication

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EH Competencies

- **Assessment**
  - Information Gathering
  - Data Analysis & Interpretation
  - Evaluation

EH Competencies

- **Management**
  - Problem Solving
  - Economic & Political Issues
  - Organizational Knowledge & Behavior
  - Project Management
  - Computer & Information Technology
  - Reporting, Documentation, & Record Keeping
  - Collaboration

EH Competencies

- **Communication**
  - Educate
  - Communicate
  - Conflict Resolution
  - Marketing

Levels of Learning

- Instruction and training aimed at developing workers at 3 levels of competency
  - Aware
  - Knowledgeable
  - Proficient

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Questions

ENV H 473: EH Policy & Practice 29

Questions

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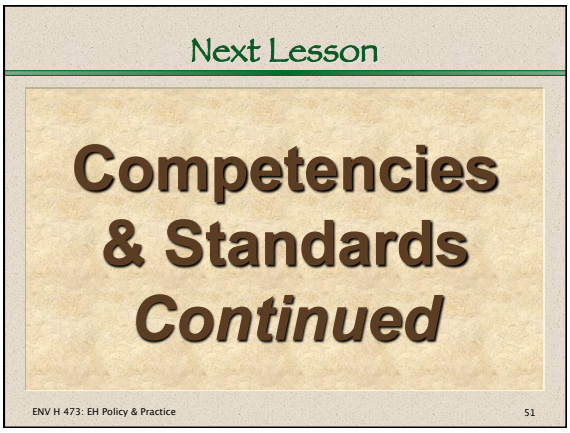
Next Lesson
Competencies & Standards Continued
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