

Solution Evaluation Matrix

Section 3: Weather Hazard Solutions | Standard 3-ESS3-1

Name: _____

Date: _____

Weather Hazard: _____

Research 3-4 solutions for this hazard. Evaluate each using the criteria below.

SOLUTION #1: _____

Type: (circle one) PREDICTION PROTECTION PREPARATION

How it works: _____

Rate this solution (1-5 stars for each):

Saves lives: ■■■■■■ Reduces property damage: ■■■■■■

Affordable: ■■■■■■ Easy to implement: ■■■■■■

Works reliably: ■■■■■■ TOTAL: ____/25 stars

Costs/Limitations: _____

SOLUTION #2: _____

Type: (circle one) PREDICTION PROTECTION PREPARATION

How it works: _____

Rate this solution:

Saves lives: ■■■■■■ Reduces property damage: ■■■■■■

Affordable: ■■■■■■ Easy to implement: ■■■■■■

Works reliably: ■■■■■■ TOTAL: ____/25 stars

Costs/Limitations: _____

SOLUTION #3: _____

Type: (circle one) PREDICTION PROTECTION PREPARATION

How it works: _____

Rate this solution:

Saves lives: ■■■■■■ Reduces property damage: ■■■■■■

Affordable: ■■■■■■ Easy to implement: ■■■■■■

Works reliably: ■■■■■■ TOTAL: ____/25 stars

Costs/Limitations: _____

Which solution has most merit? Why?
