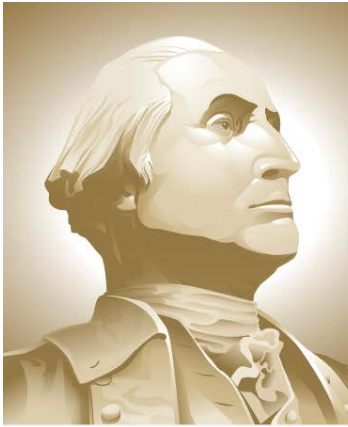


VTRA 2010 RISK MANAGEMENT

Presentation by: Jason R. W. Merrick



THE GEORGE
WASHINGTON
UNIVERSITY

WASHINGTON, DC

VCU

GWU Personnel: Dr. J. Rene van Dorp

VCU Personnel: Dr. Jason R. W. Merrick

JUNE 5, 2013

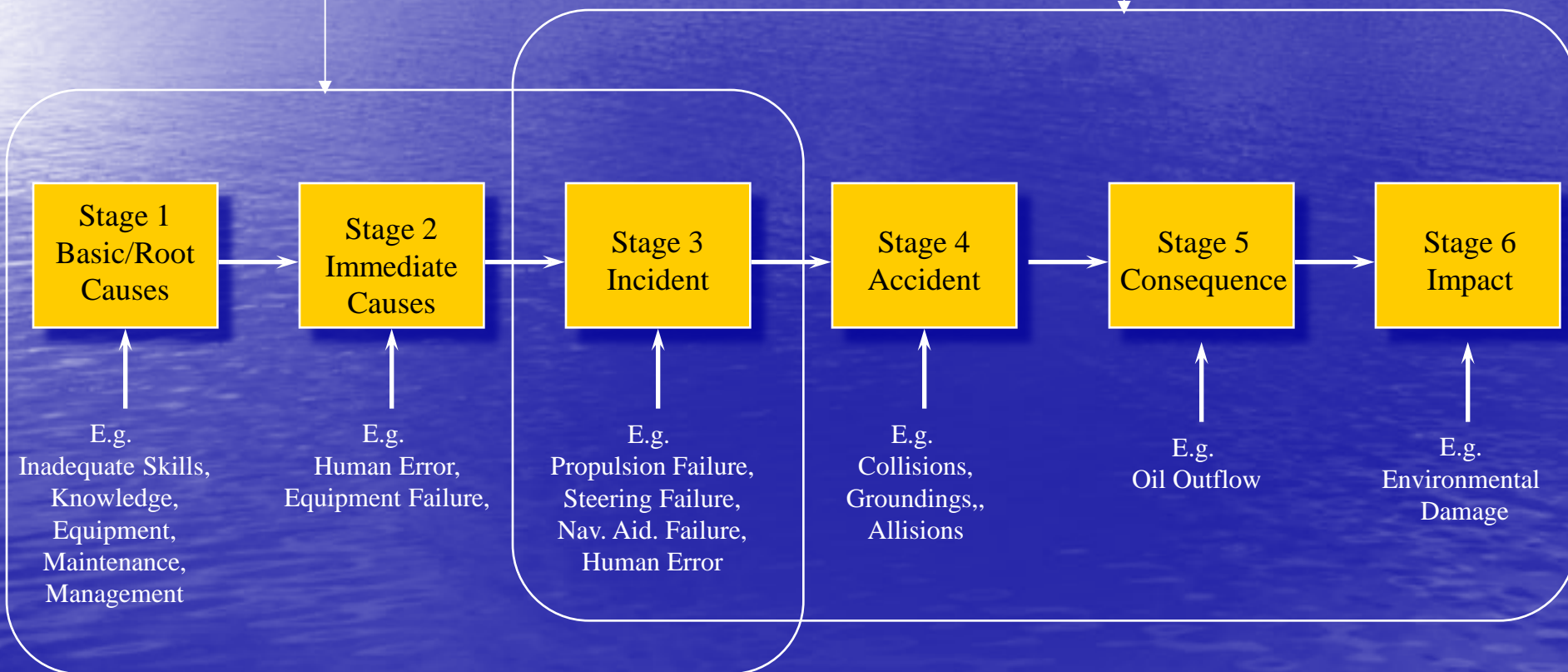
The Accident Event Chain

ORGANIZATIONAL FACTORS

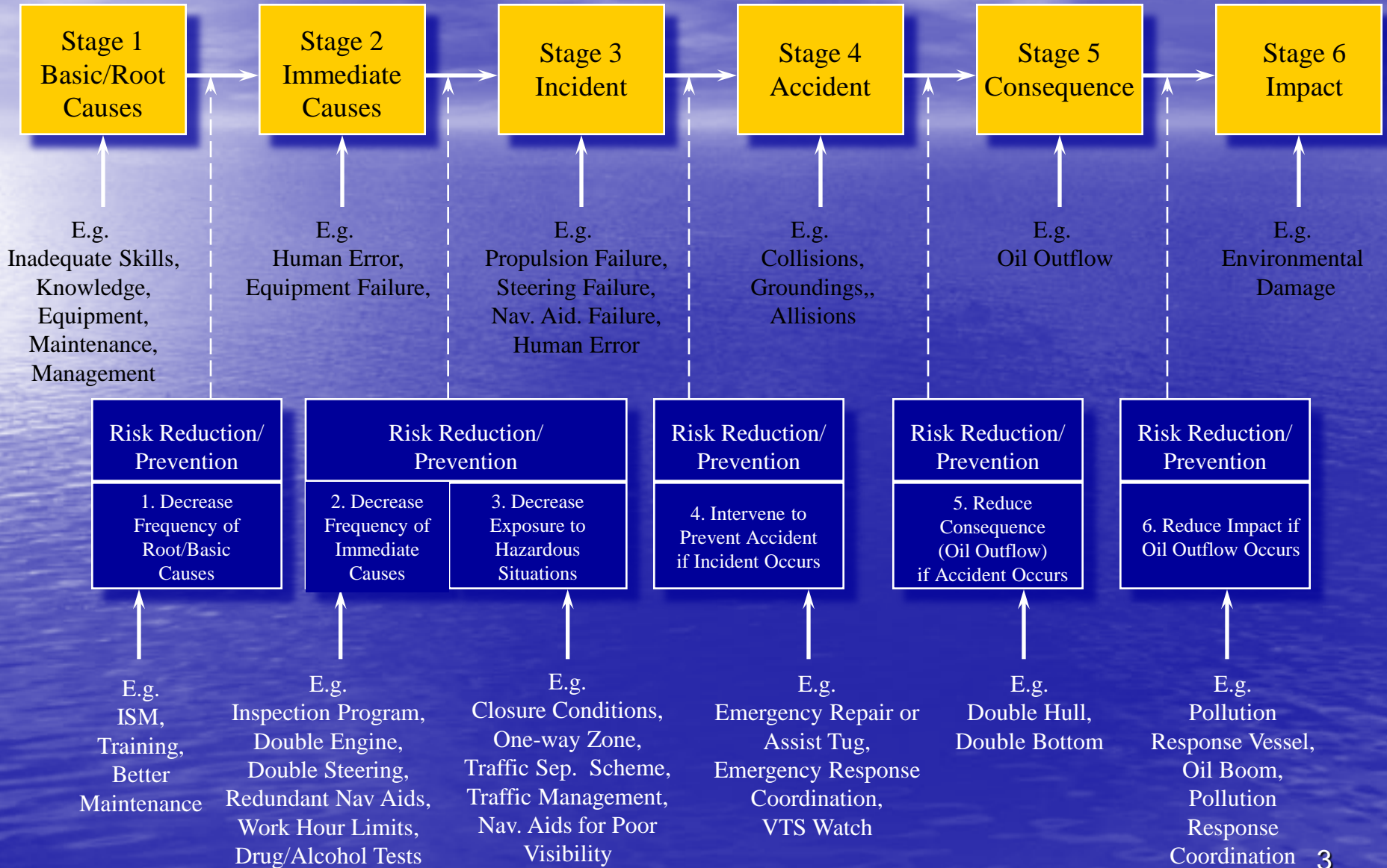
Vessel type
Vessel age
Pilot/officers on bridge
Individual/team training
Flag/classification society
Management type/changes
Vessel incident/accident history
Safety management system

SITUATIONAL FACTORS

Type of waterway
Traffic situation
Traffic density
Visibility
Visibility
Wind
Current
Time of day



Risk Reduction Interventions



How Do We Model Each Piece

