

# Exploring Science-Policy Interface

## Accounting for risk and uncertainty

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# Goal

Clarify/agree on language to deal with "Risk"



Source: // [http://www.scienceinthebox.com/en\\_UK/safety/riskassessment\\_en.html](http://www.scienceinthebox.com/en_UK/safety/riskassessment_en.html)

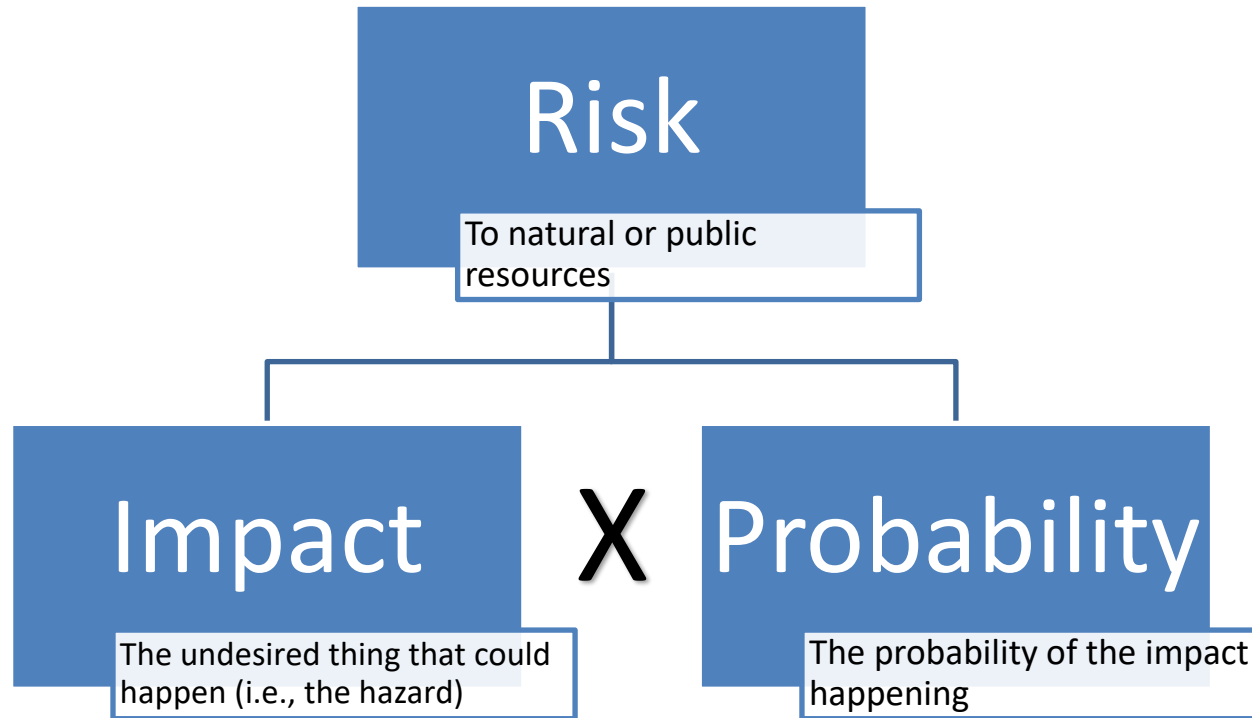


# Uncertainty, Risk & Assumptions

- There is often uncertainty in our knowledge of the systems that we manage
- We establish policies or best management practices based on our knowledge
- Uncertainty can lead to negative outcomes that we did not anticipate or expect
- So, there are elements of risk\* in policy decisions



# What is Risk

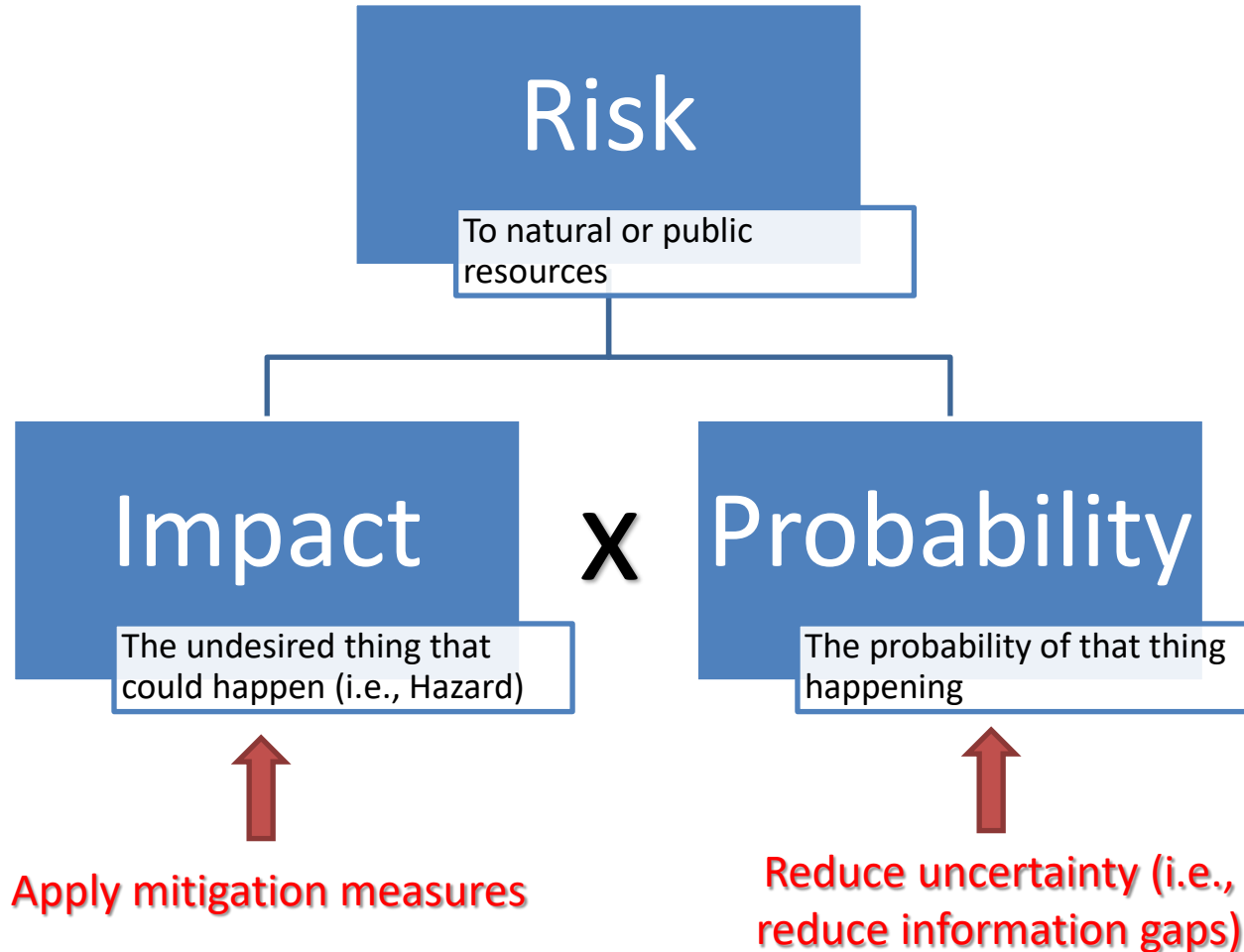


# Roles in Exploring Risk in SPI

Example questions	Primary responsibility to answer
What is the impact of an action/policy to public resources?	Science-Policy
What is the nature of the impact?	Science-Policy
What are the primary impacts to be worried about?	Science
What is the probability of that impact(s) occurring?	Science
How is uncertainty influencing risk?	Science
What is the acceptable level of risk?	Policy
How can we reduce risk?	Science-Policy
Who is the decision maker (and of accepted consequences)	Policy
Others:	



# How can we influence Risk



# Next Steps

- Build (draft) science-policy framework
- Define roles and responsibilities of scientists and policy makers
- Vet framework
  - Workshops for feedback and refinement for both science and policy sides of the house
- Pilot framework?





# Questions?

