























## **IMPERFECT INFORMATION:**

- = when different parties have different levels of information.
- The market depends on perfect information, so that everyone knows all of the options available to them. If this is not possible, people may not make optimal choices.
- If no one realizes an activity is bad, imperfect information is not the problem.
- How is this relevant to environmental economics?
   People may have imperfect information about things such as health risks or the dangers of pollution.

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• What can be done?



























## EVALUATING ENVIRONMENTAL POLICY



- Analysis of marginal damages and marginal abatement costs assumes that efficiency is the criterion for evaluating environmental policy.
- Problem: overwhelming information burden
- ⇒ and: Efficiency is just one of several criterions.
- Cost-Effectiveness as an alternative
- Institutional (political and administrative) feasibility

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- Distributional equity
- Sustainability/long-run considerations
- Ethics/moral considerations

THE COASE THEOREM
The Coase Theorem (attributed to Ronald Coase,\*1910), relates to the economic efficiency of a government's allocation of property rights.
In essence, the theorem states that in the absence of transaction costs, all government allocations of property rights are equally efficient, because interested parties will bargain privately to correct any externality.
It is the notion that an efficient solution will be achieved independently of who is assigned property rights (as long as someone is assigned the rights).
Coase implies that once property rights are established, no (further) government intervention is necessary.



