

THE CLIMATE CHANGE THREAT DELAWARE'S RGGI RESPONSE

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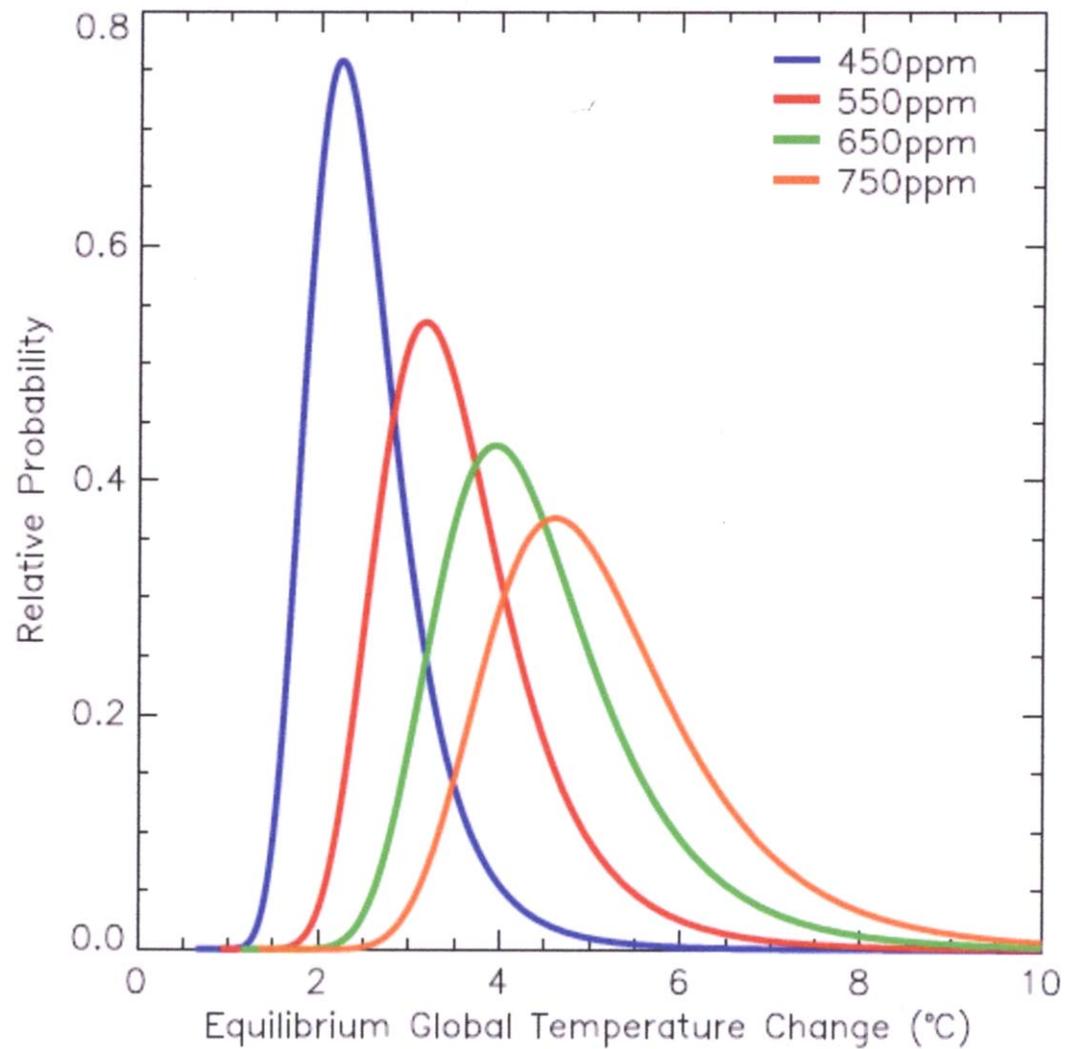
2007 IPCC SUMMARY FOR POLICY MAKERS

Today, the time for doubt has passed. The IPCC has unequivocally affirmed the warming of our climate system, and linked it directly to human activity.

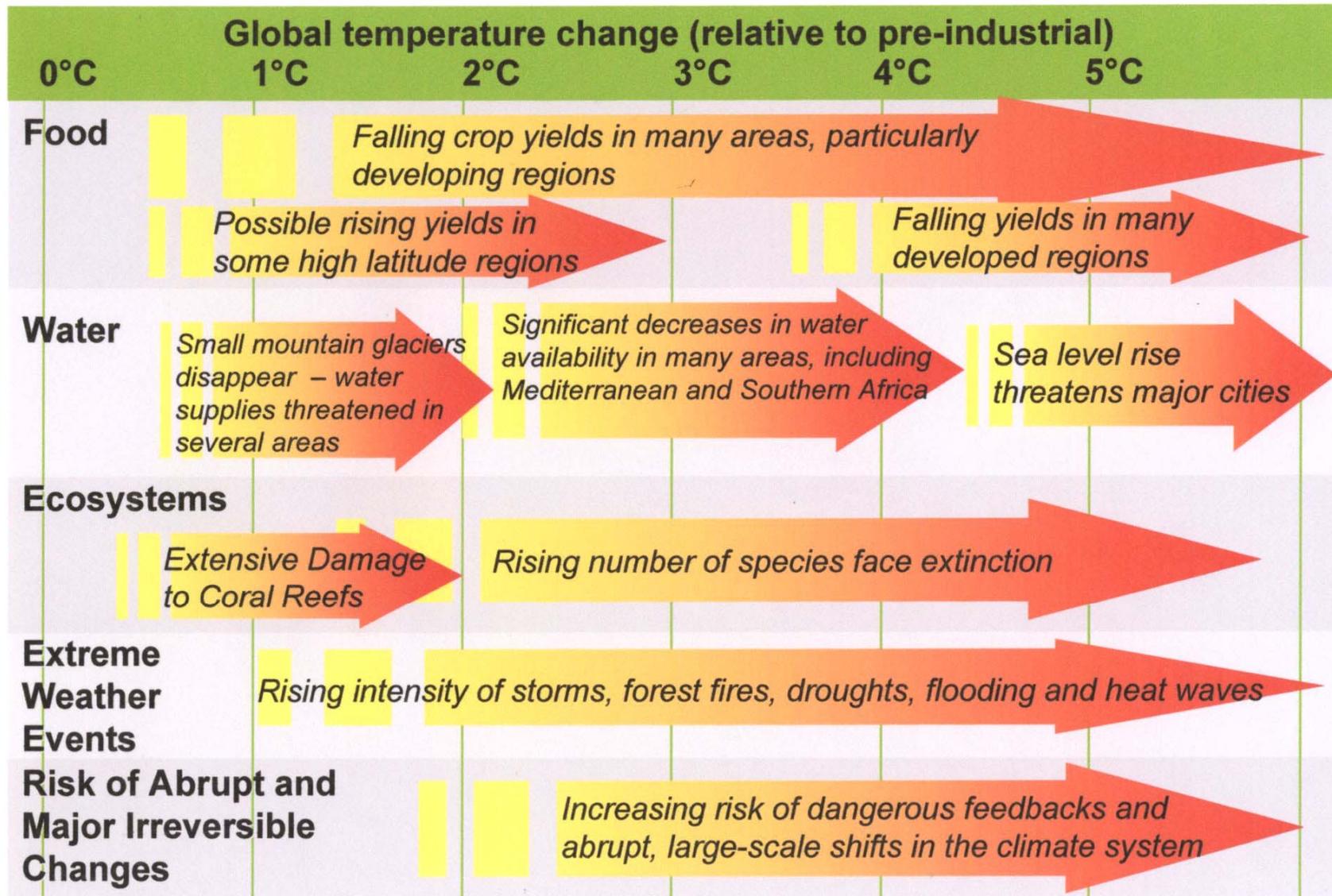
What we do in the next two to three years will determine our future. This is the defining moment.

Dr. Rachendra Pachauri

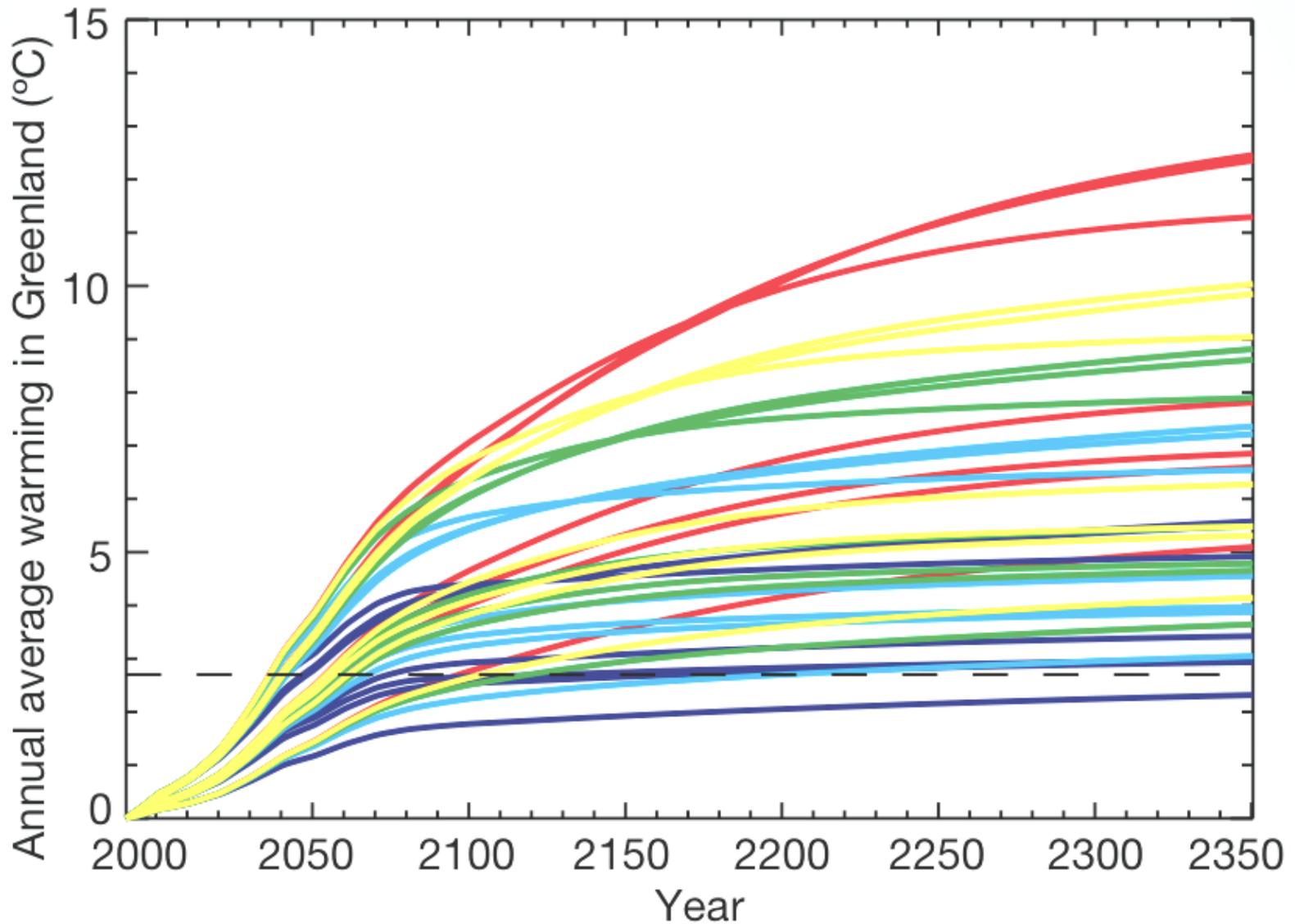
Climate Sensitivity



Impacts

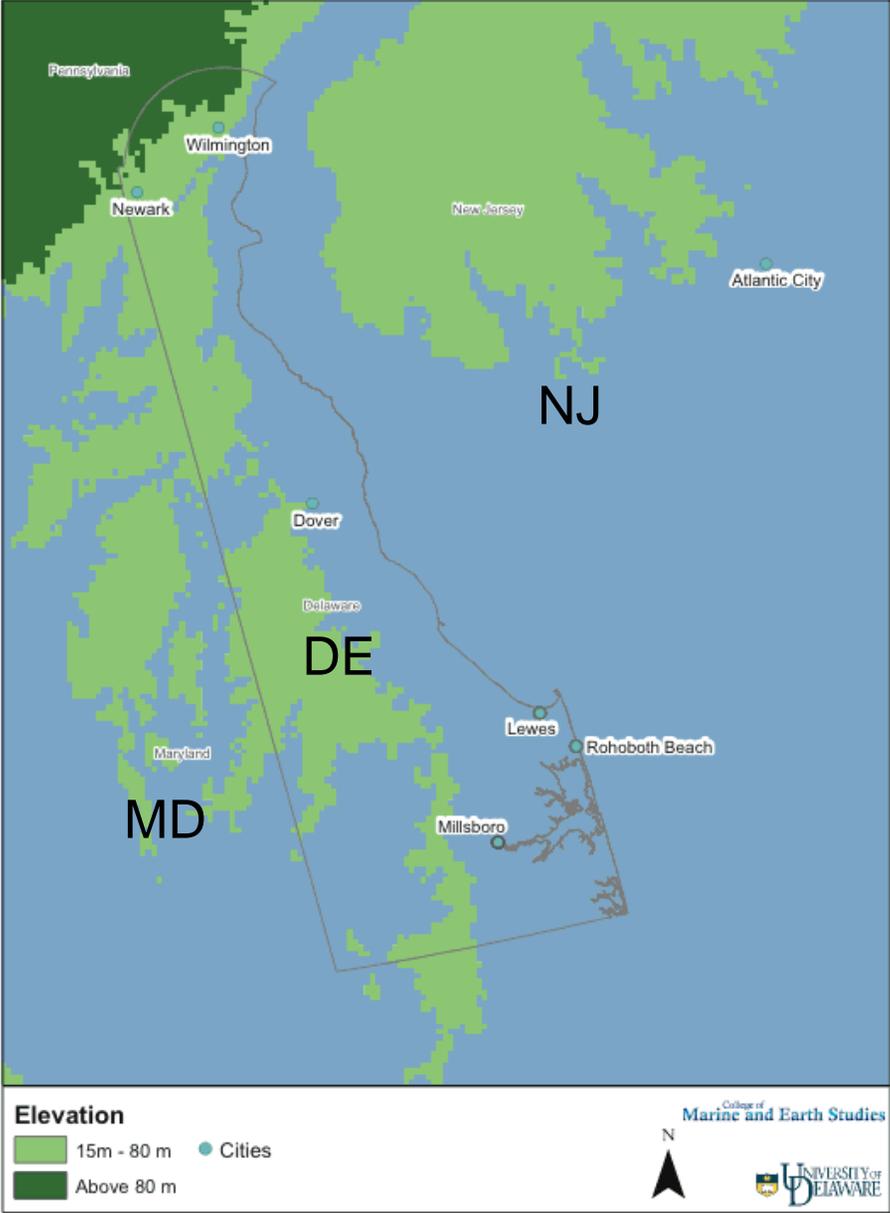


Modeling of Melting Greenland Ice

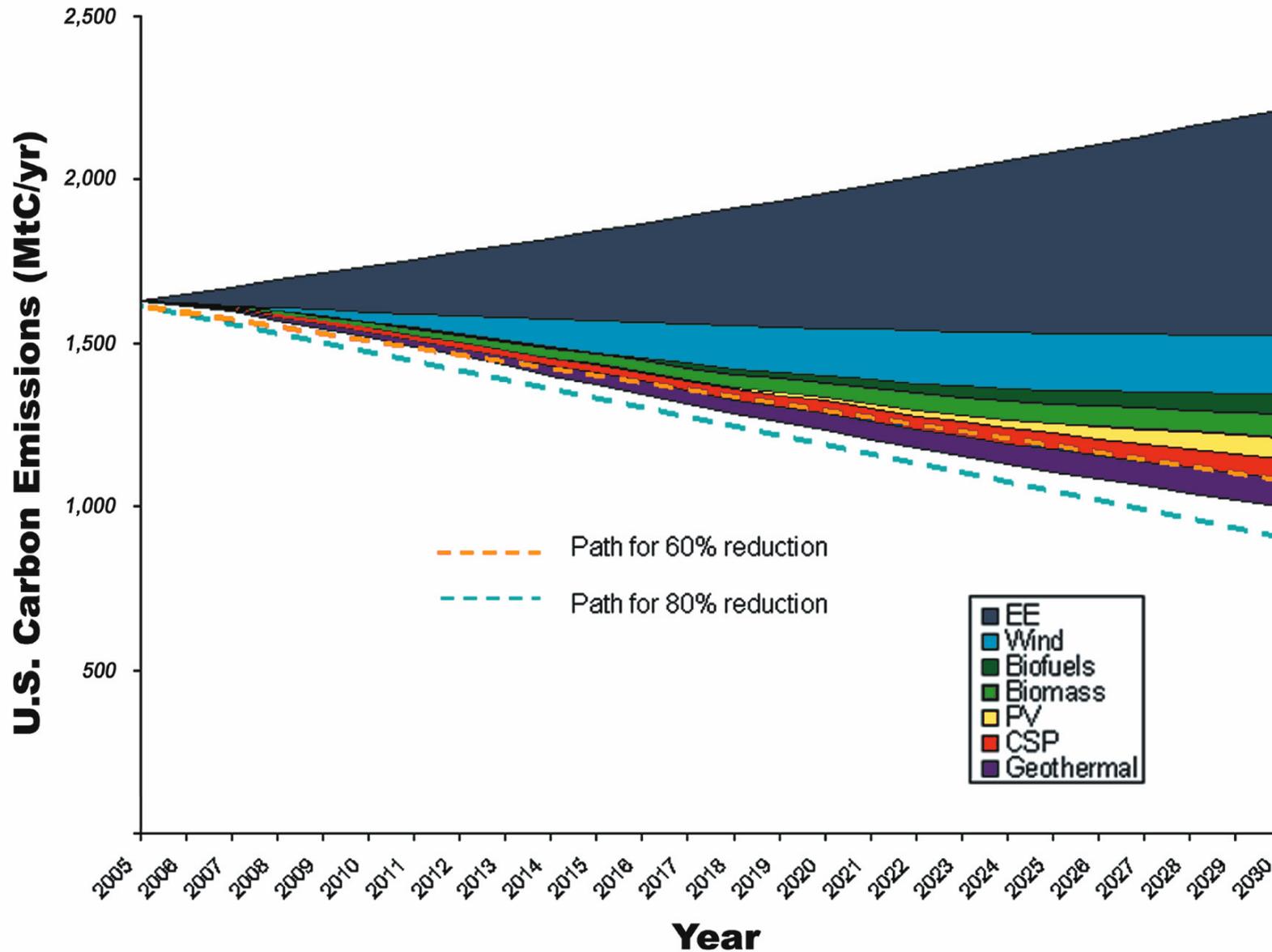


Commit to 6.5 m SLR by
2040-2090

Impact of Sea Level Rise on Delaware



ASES Emission Reduction Wedges



Conclusions

- Climate change is a real and growing threat.
- DE is especially vulnerable.
- GHG emissions need to be cut by at least 80% by 2050 to avoid serious damage.
- Energy efficiency is necessary but not sufficient.

Proposals for DE

- 100% auction of emission allowances.
- Costs for leakage equivalent to RGGI market price for emissions.
- Distribute funds from auction approx.:
 - 40% energy efficiency improvements
 - 35% renewable energy development
(e.g., funding support for offshore power lines)
 - 15% to reduce energy burden for the poor
 - 10% to educate the public