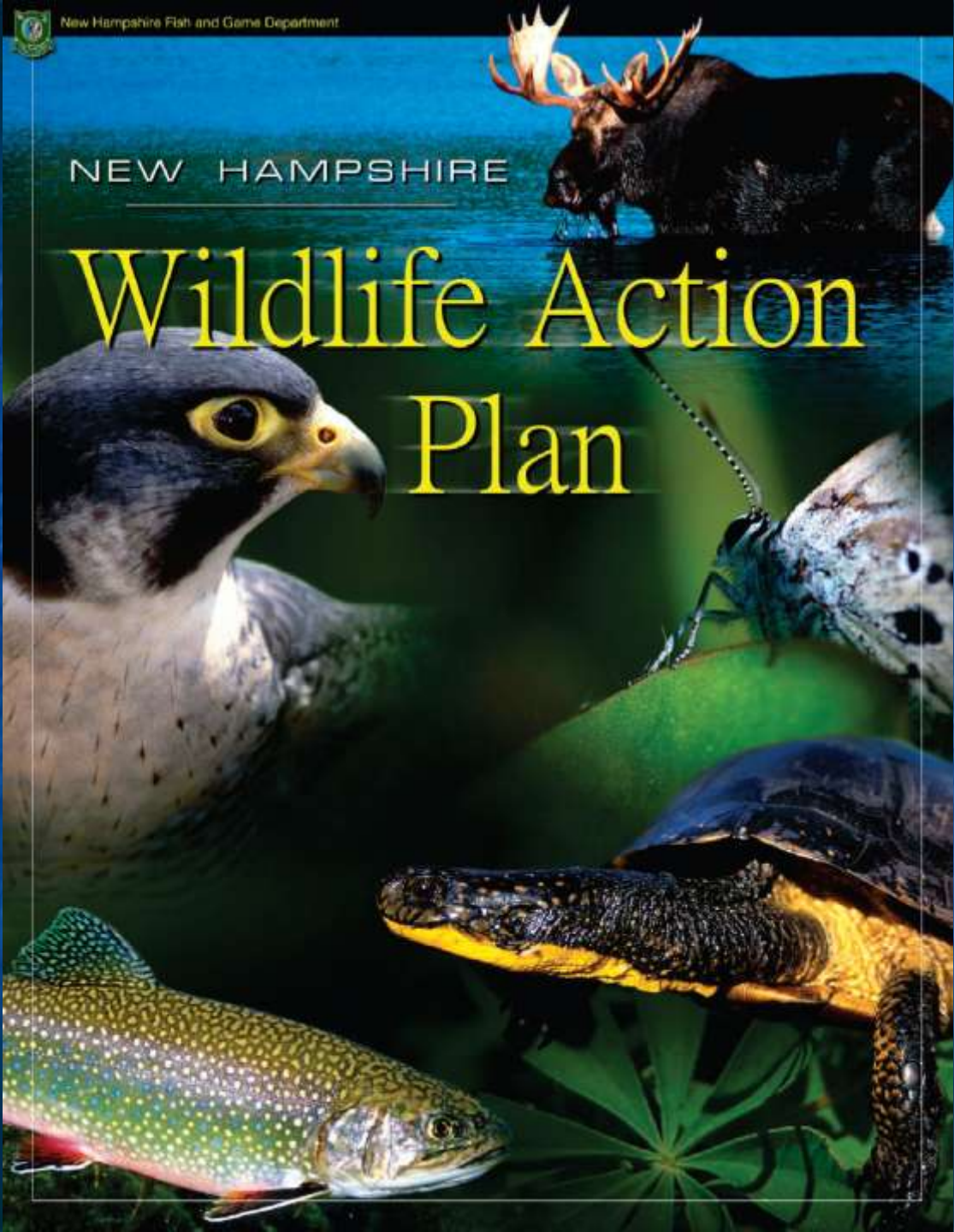


# Ecosystems and Wildlife Climate Change Adaptation Plan



**And many  
conservation  
partners!**

**Emily Preston  
Wildlife Biologist**



# Ecosystems and Wildlife Climate Change Adaptation Plan

Amendment to NH  
Wildlife Action Plan



Adaptation Plan as  
part of NH Climate  
Action Plan

# Major Coastal Vulnerabilities

- Inundation
- Erosion of beaches, dunes and salt marshes by storm surge.
- Changes in species due to temperature increases and salinity changes.
- Damage to habitat from hardening of shores.



# Major Other Habitat Vulnerabilities

- Individual species will shift ranges
- Flooding
- Hydrological
- Temperature
- Increases in invasive species



# Strategy Compilation

- Developed strategies to assist habitats to address those vulnerabilities.
- Garnered a variety of types of strategies from scientists, policy makers, decision-makers, planners, educators, and others.



# Strategy Categories

1. Conserve Areas for Habitat Expansion and/or Connectivity
2. Habitat Restoration and Management



# Strategy Categories

3. Restore Watershed Connectivity
4. Protect Riparian and Shoreland Buffers
5. Invasive Species Plan



# Strategy Categories

6. Comprehensive Planning
7. Stormwater Policy and Flood Response
8. Revise Water Withdrawal Policies
9. State Energy Policy





# Strategy Categories

10. Funding

11. Modeling, Research and Monitoring

12. Technical Assistance and Outreach



# Goal:

## Intact natural ecosystems!

Not necessarily those we have now – they will probably look different.

- Intact ecosystems will help mitigate effects of climate change.
- How can we help and how can we avoid making things worse?



# Celebrating 25 years of protecting endangered species and keeping common species common



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