# Protecting the Campus Ecosystem and Watershed

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#### Introduction

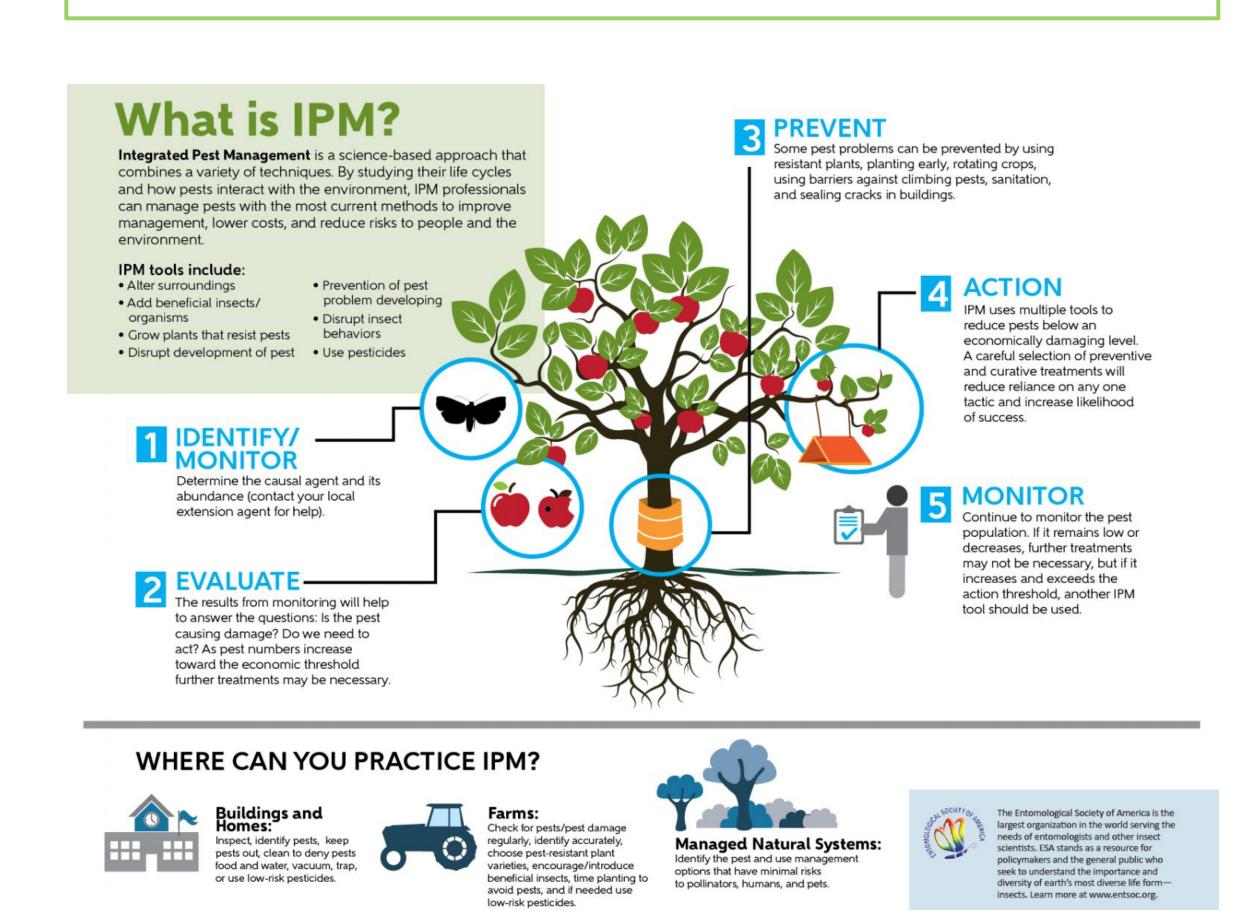
The University of New Hampshire's Landscape Master Plan was last updated in 2004 for the purpose of "establishing design guidelines and landscape standards that foster sustainable design and management practices." This was done with a focus on opportunities for landscape preservation, restoration and enhancement practices across campus.

The UNH Ecosystem Task Force has been reevaluating the landscape management practices and policies on campus through the lens of climate change impacts, considering the value of ecosystem services as they relate to landscape and grounds best management practices.

## **Objectives**

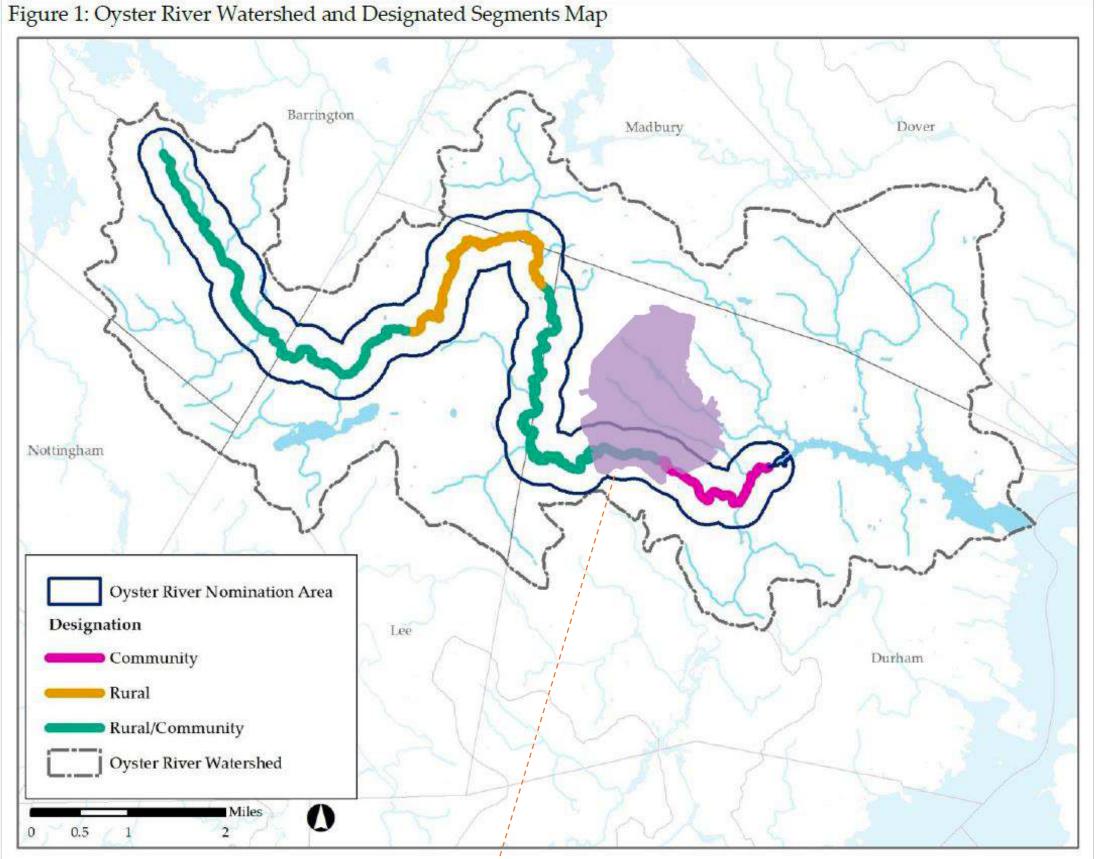
The primary objective of the 2018 update to the Landscape Master Plan is to systemically reframe UNH's approach to landscape planning, design and management practices in order that it may reflect industry and academic standards for resiliency and sustainability. Specifically, this includes but is not limited to:

- Comprehensive Stormwater Management Plan
- Comprehensive Landscape Management Plan
- Establishment of Ecosystem Taskforce as LMP Steward
- Resource Allocation Advocacy



#### **UNH and the Oyster River Basin**

Stormwater Management and Watershed Health



[Source: Strafford Regional Planning Commission, 2014]



- UNH footprint encompasses a large portion of the Oyster River Basin and Watershed, which feeds into Great Bay
- Campus must be assessed in terms of its systems, water being the most prominent one
- On-campus expertise is well poised to make planning, design, management and policy recommendations
- Grant funding has been utilized in the past and can be leveraged to create real change in the future

## Approach

I have spent the summer meeting with a variety of stakeholders on campus, including experts from the UNH Stormwater Center, UNH Cooperative Extension, Grounds and Facilities, Campus Planning, as well as the prominent landscape architect who has done much of the landscape design work at UNH.

Additionally, I have worked alongside the Sustainability Institute in concert with these stakeholders at Ecosystem Task Force meetings to brainstorm around barriers to implementation.

## **Findings**

- 10-15 years of annual budget cuts for Grounds and Facilities
- Damaged relationships amongst in house experts
- Lack of shared vision for ideal campus landscape
- Loss of dedicated EcoTF members
- General acceptance of stagnation regarding resource allocation
- Missing mechanisms for transfer of information
- Lack of stewardship and governance consensus

## **Ongoing Considerations**

For an updated Landscape Master Plan to function as a living and dynamic document, there must be a dedicated interdisciplinary group of in house experts committed to its stewardship. The EcoTF is well poised to fill this need as the primary steward, developing governance mechanisms to hold relevant parties accountable, advocate for sufficient resource allocation, and create a cultural shift from one that views the campus landscape as a stage for campus life to one that understands it as a highly valuable asset to the University requiring serious planning, design and management considerations.



