



Regional Parks & Open Space

Integrated Vegetation Management (IVM) Plan

May 4, 2021





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- Resource Concepts Inc. completed the IVM Plan for WC Parks in June 2020.
- The IVM plan is focused on park and open space areas along the Truckee River corridor but can be used to develop treatment and revegetation plans for any site.

Washoe County Regional Parks and Open Space



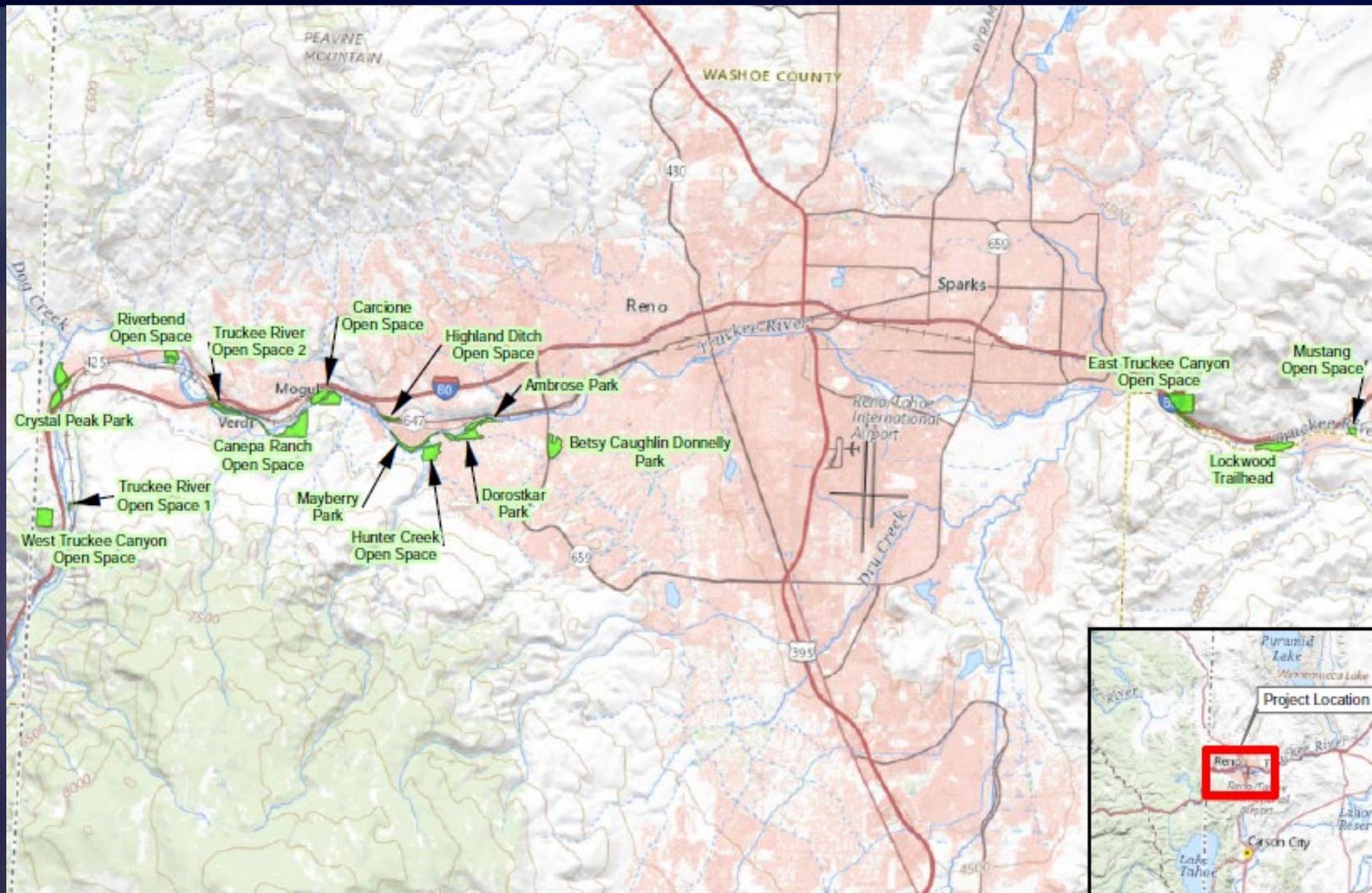
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Integrated Vegetation Management Plan

June 2020





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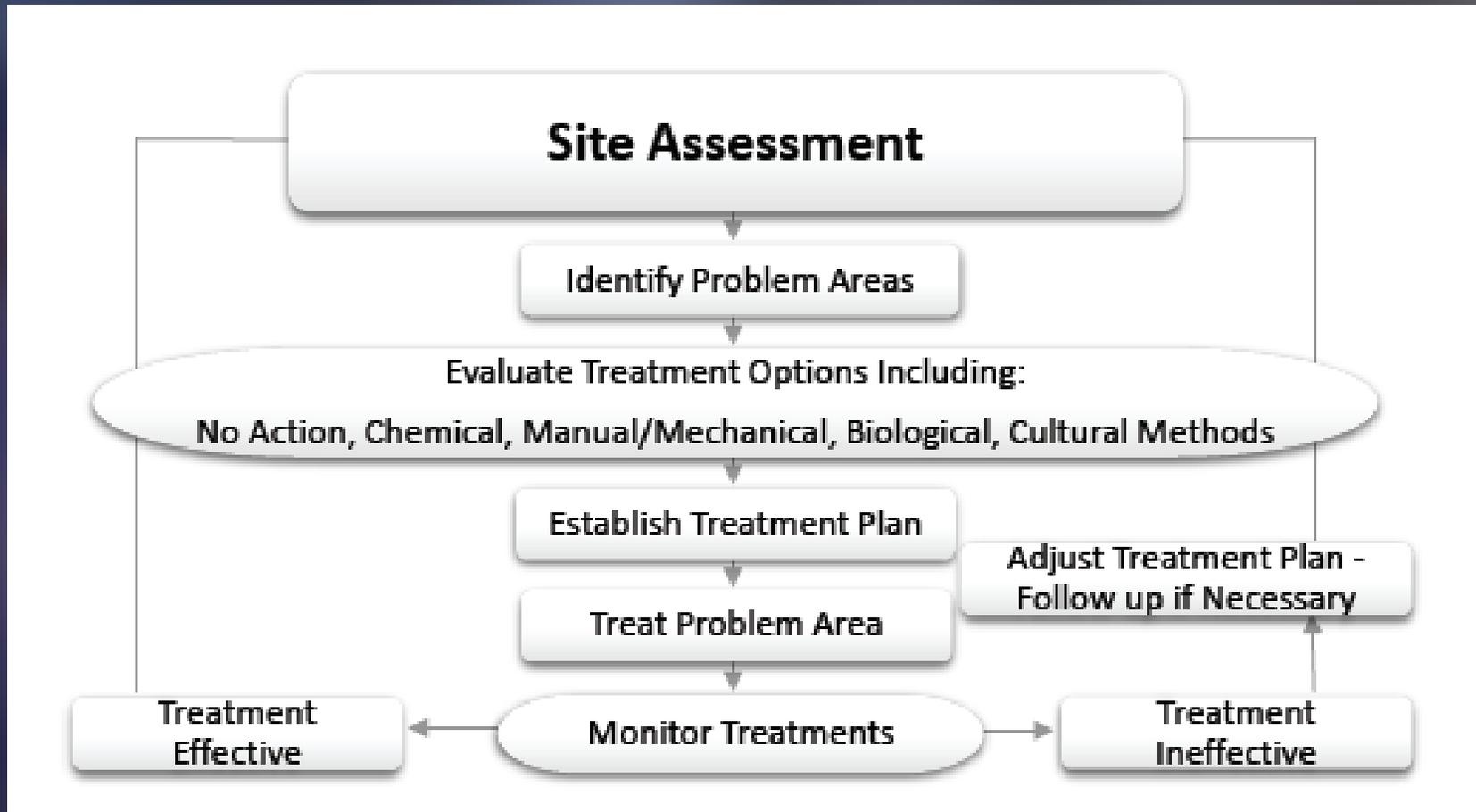
What is Integrated Vegetation Management (IVM)?:

- Combines multiple strategies to control or limit undesirable vegetation (can include chemical, biological, cultural, mechanical, and/or manual treatments).
- Promotes establishment and maintenance of adaptive and native perennial vegetation communities.
- Utilizes adaptive management to modify treatment plans as needed to meet site-specific goals.



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Strategies and Tools for Vegetation Management:





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IVM Plan Objectives:

- To provide guidelines and strategies for staff to:
 - Evaluate and develop site-specific plans.
 - Manage noxious and invasive weeds.
 - Maintain fire resiliency and address postfire rehabilitation needs.
 - Evaluate and develop revegetation plans for use with construction, development, easements, right of entries, and other park projects and permits.
 - Develop monitoring protocols for evaluating short- and long-term success.



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IVM Plan provides site management tools through Best Management Practices (BMPs):

BMP I: Initial Site Assessment

BMP II: Noxious and Invasive Weed Identification and Treatment Options

BMP III: Revegetation Methods and Selection of Native and Adaptive Species

BMP IV: Monitoring and Establishing Success Criteria

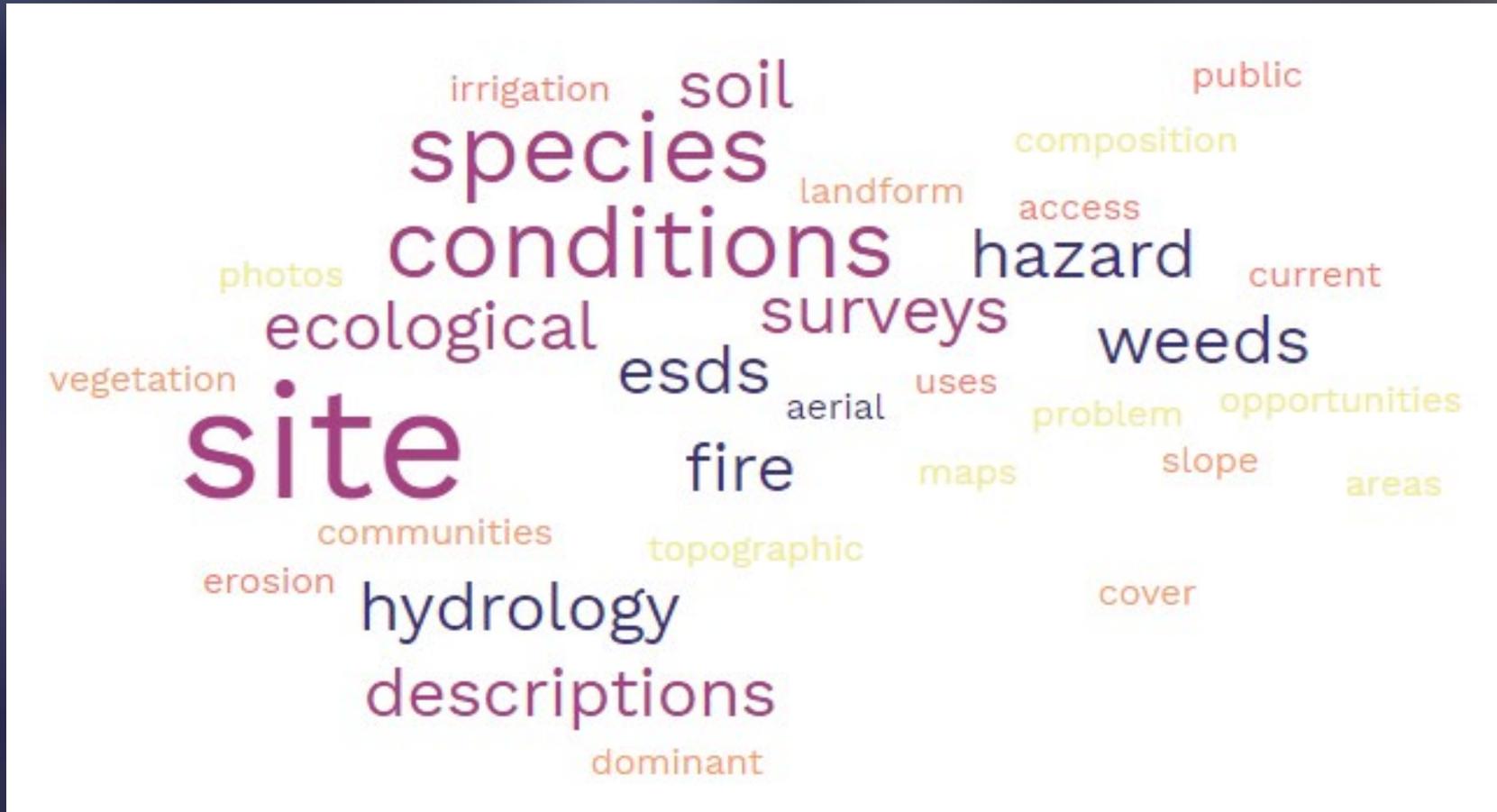
BMP V: Open Space Long-term Management

BMP VI: Herbicide Exposure Prevention and Treatment



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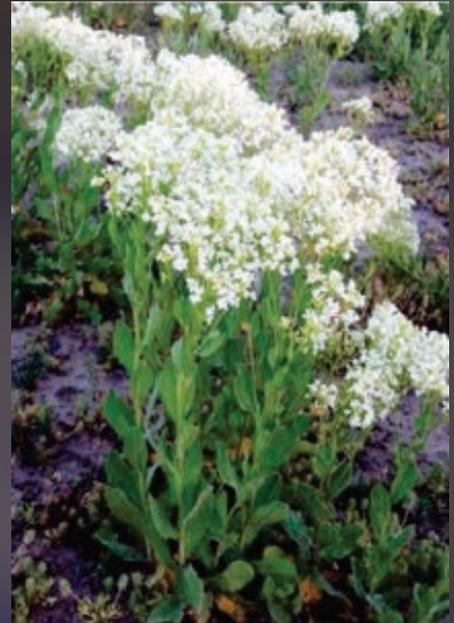
BMP I: Initial Site Assessment





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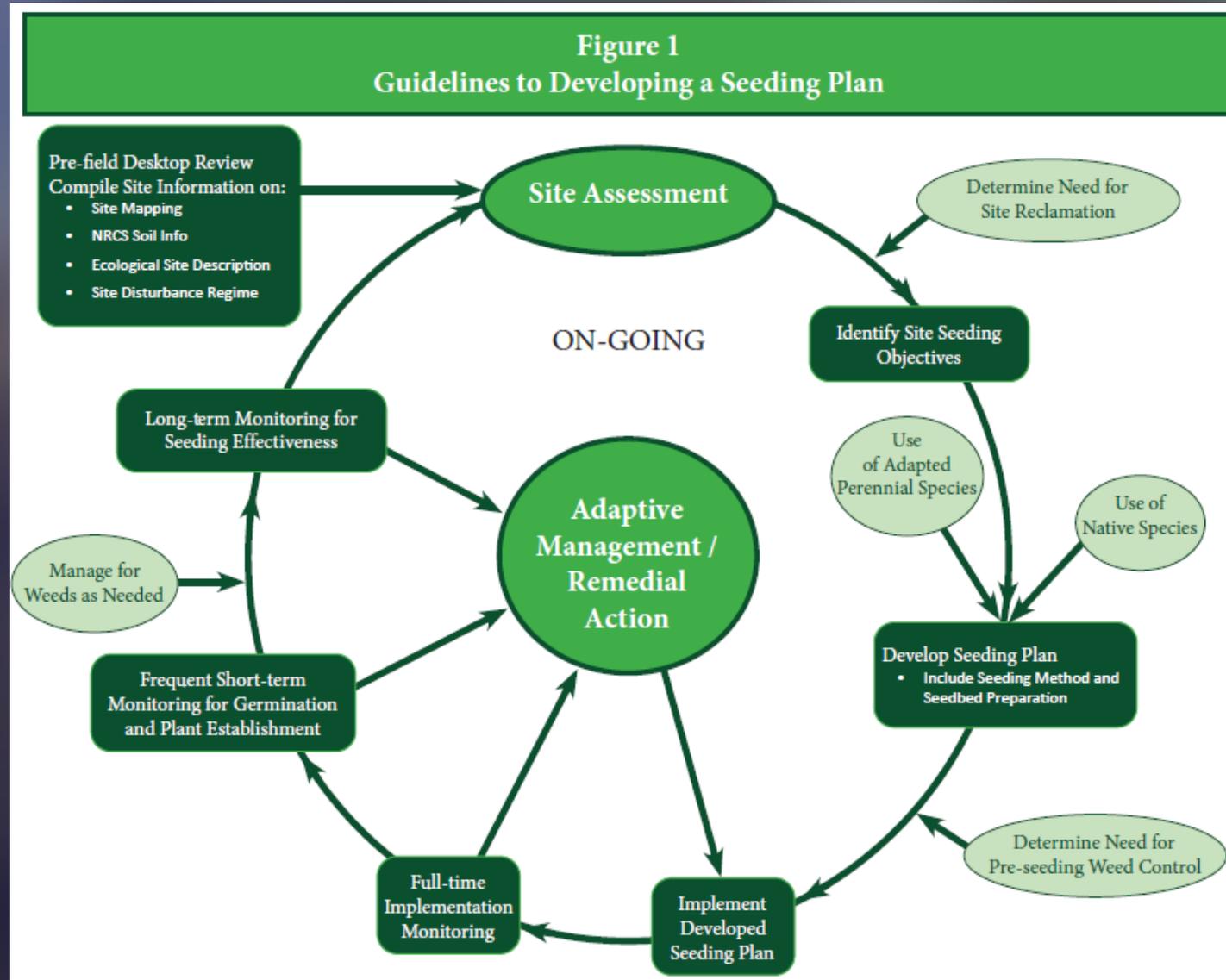
BMP II: Noxious and Invasive Weed Identification and Treatment Options





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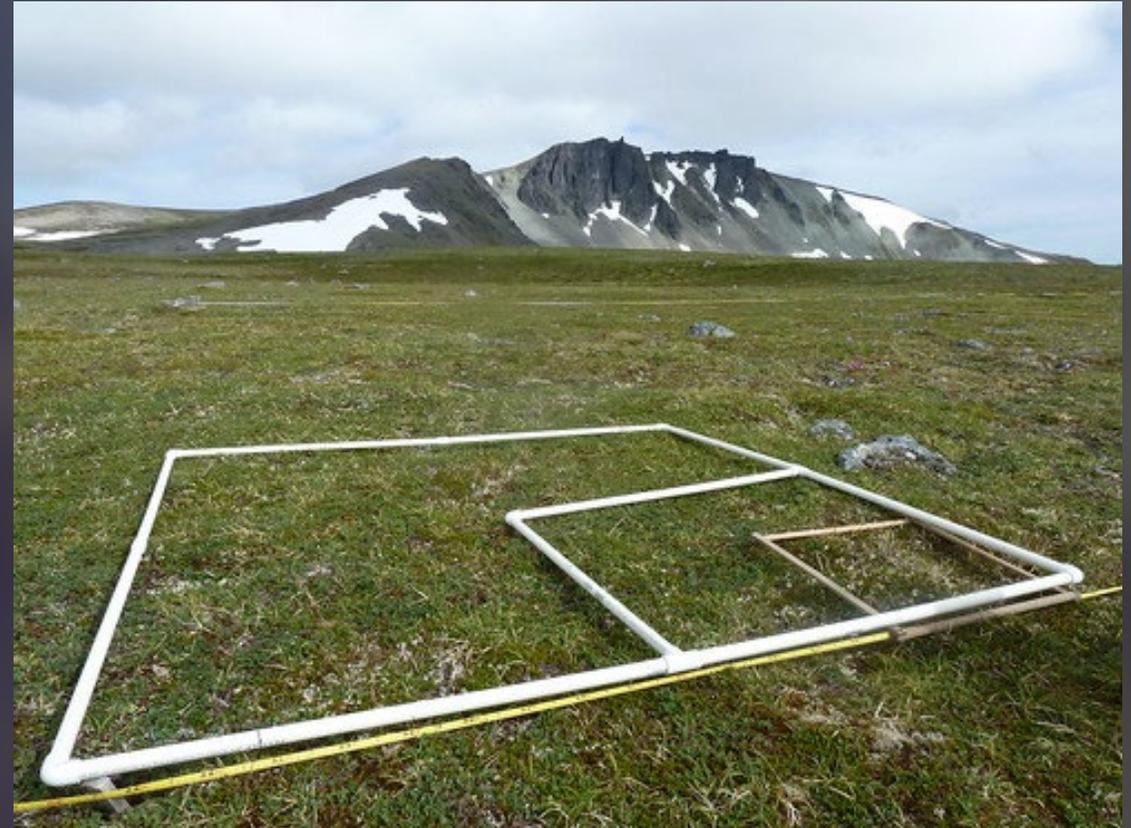
BMP III: Revegetation Methods and Selection of Native and Adaptive Species





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BMP IV: Monitoring and Establishing Success Criteria



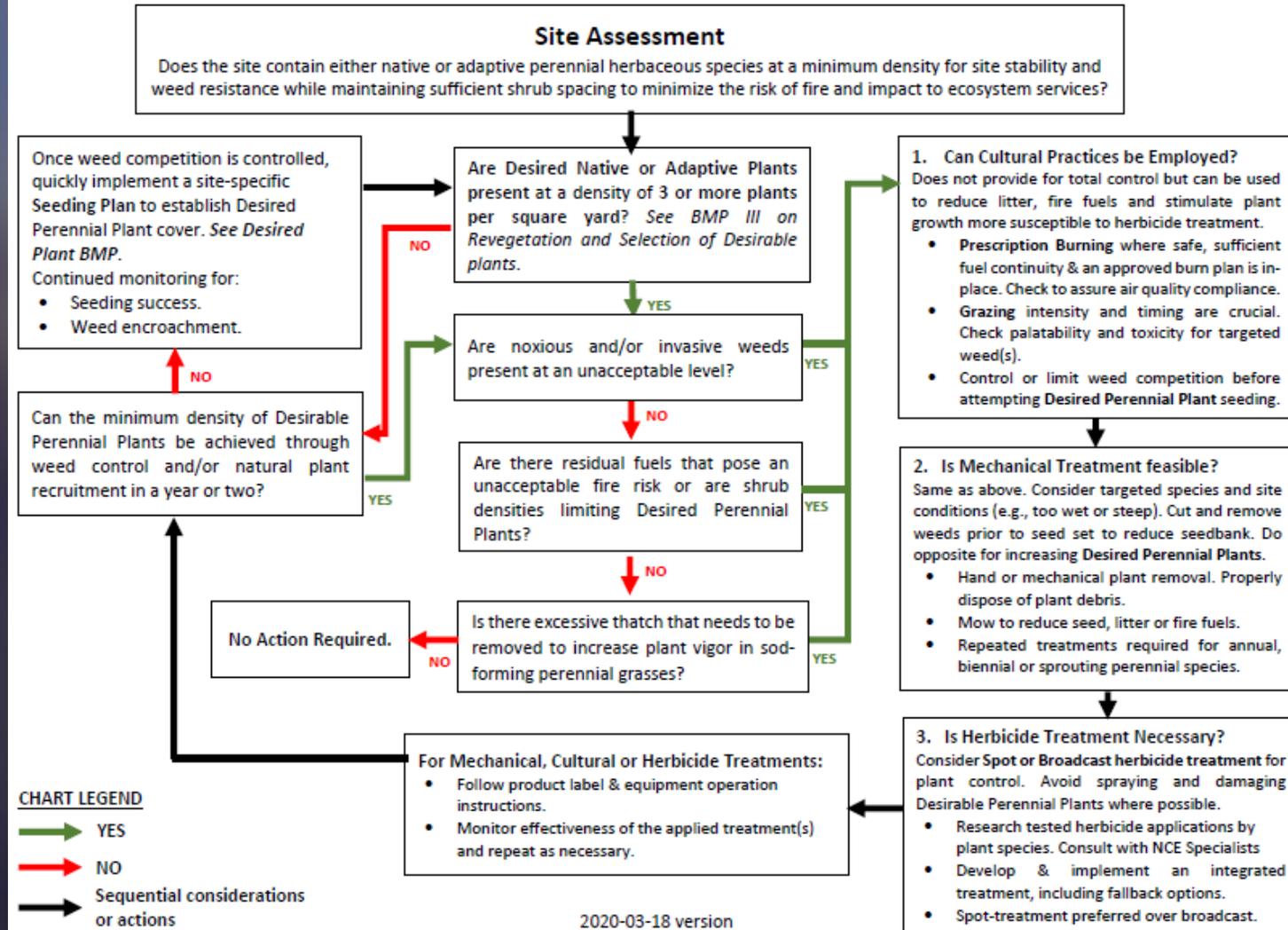
"Monitoring is the orderly collection, analysis, and interpretation of resource data to evaluate progress toward meeting objectives. This process must be conducted over time to determine if objectives are being met." (Bedell 1998).



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BMP V: Open Space Long-Term Management.

Figure 2. Open Space Management Decision Tree





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BMP VI: Herbicide Exposure Prevention



WEED CONTROL IN PROGRESS

DATE: _____

- For the safety of you and your pets, please remain on the trail system.
- Per Chapter 95.140 dogs must be leashed at all times.
- Treatment areas are considered safe to enter when dry.





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- The IVM Plan provides a framework and set of tools and strategies to guide park staff in developing site appropriate treatment and revegetation plans.
- Also includes a “Revegetation Plan Template” and tools for park planners to evaluate plans submitted by permit applicants (special use, right-of-entry, access easements).



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2021 Vegetation Management Project Highlights:

- Goat grazing at Swan Lake Nature Study Area to reduce perennial pepperweed (tall whitetop)





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2021 Vegetation Management Project Highlights:

- Native planting at Bartley Ranch Regional Park as part of post-fire restoration efforts. Ongoing project utilizing volunteer groups and parks staff





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2021 Vegetation Management Project Highlights:

- Native shrub planting at Crystal Peak Park with volunteers as part of the KTMB Great Community Clean-up Event





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