

Land Use Planning and Management Resource Management Strategy

- RMS promotes changes in land use and water planning
- Process for RMS development
 - ◆ Governor's Office of Planning and Research (OPR)
 - ◆ Land use caucus to reach consensus on chapter
- New land use tool is being introduced today to implement the RMS

Land Use Planning and Management Resource Management Strategy

- Integrates land use and water planning
- Consistent with existing State policy
- Bridges local, regional and state land and water use planning
- Resource Management Strategy is a consensus of
 - ◆ Complex and multi-layered issues
 - ◆ Concern about land use restrictions

RMS Outline

- Definition
- Issues
- Benefits/Costs
- Recommendations
- New tool added . . .

Land Use Planning and Management Resource Management Strategy Is . . .

- More efficient and effective land use promote integrated regional water management planning (IRWMP)
- Pattern and type of land use and intensity affects water supply and quality, and flood management
- Compact development in existing urban areas improves water and flood management choices

Land Use RMS

- Land use planning and management cuts across many Water Plan resource management strategies
 - ◆ Watershed
 - ◆ Water use efficiency
 - ◆ Agricultural lands stewardship
 - ◆ Flood management
 - ◆ Water quality
 - ◆ Habitat
 - ◆ Sustainable development (e.g. CAPs)

Recommendations

- Cross-cutting Funding and Planning Program
 - ◆ State could provide incentive to developers and local government
 - ◆ State should promote performance-based planning with metrics

Recommendations Cont'd

- Integrate Regional Water Management and local land use plans
- Provide funding incentives and technical assistance
- Enhance research and data gathering
- Promote interagency coordination

Tool Needed to Quantify Costs and Benefits

- How to use
- Cost of tool
- How will it affect you
 - ◆ Prospective of future growth would consider compact development and agricultural land protection
 - ◆ Retrofit potential (infill with mixed use)
 - ◆ Agricultural land protection
- Consider climate change impacts on all three approaches

RMS Tool

- Benefits of the tool
 - ◆ Helps to make choices in land use and water supply benefits based on RMS
 - ◆ Demonstrates why BAU means loss of flexibility and adaptation to climate change
 - ◆ Quantifies all costs including long term maintenance and replacement

Why is a tool needed?

- Need to quantify RMS costs and benefits
- Inform about choices in the future land and water use
- Using tool helps to identify what data is needed - see RMS Recommendations

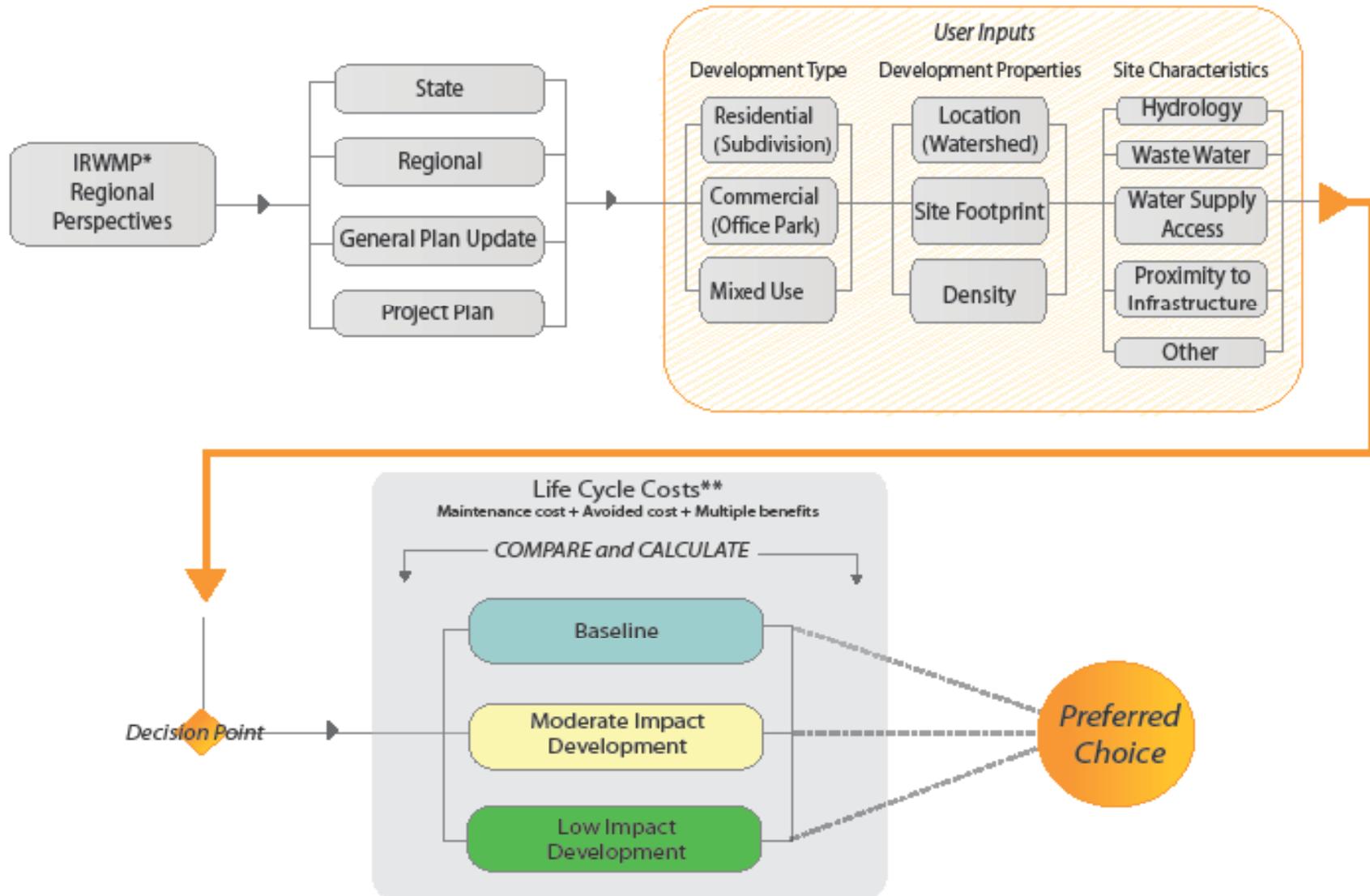
Moving Forward with Tool

- This is a conceptual tool
- Addresses potential RMS barriers
 - ◆ Potential increase cost of development
 - ◆ Tool helps to quantify costs over long term
- What can improve the decision tool?
 - ◆ Who else needs to be involved to make this successful
 - ◆ Need for pilot implementation demonstration

Decision Tool

- Box 24-7 Water Supply Benefits Decision Tool: an approach comparing all costs over the life of development, maintenance and operations for business as usual for urban land use location, site planning and associated infrastructure to low impact development and LEED-ND approaches.

Water Management Decision Tool



*Integrated Regional Water Management Plan (IRWMP)

** All costs over 50 year time period

Tool Q & A

- What are potential barriers for use?
- What can improve decision tool?
- To what extent can this approach be integrated into state, local governmental and non governmental organization