



**PUGET SOUND**  
PARTNERSHIP

# 2018-2022 Action Agenda Proposed Near Term Action

## NTA ID and Title

2018-0735 Integrated Mapping and Decision Tools for Land Use Planning in Puget Sound

## Prior NTA ID

## Objectives

This NTA would create a web-based decision support tool to help governments manage growth and the environment, and we would also update development trend maps, and produce new GIS analysis, to support monitoring of land cover and development indicators.

## Description

This NTA would develop a web-based portal with alternatives analysis tools to help local governments balance land planning and environmental goals under GMA. The web tool would integrate maps from local governments, agencies, and organizations, and would add tools to evaluate multiple scenarios and their effects on land use, critical areas, and regional Puget Sound targets (at multiple scales and across jurisdictions). We would build upon existing partnerships from the original project, and would collaborate with end users, Puget Sound Partnership, and resource agencies to provide an added-value, user-friendly, decision making tool. We would also update county by county zoning and growth maps in the Puget Sound region through 2022, and would produce GIS analysis that assess low-density lands (cemeteries, parks) and urban housing on septic systems, among other analysis. The analysis and decision tools from this NTA would help monitor progress on land cover and development vital signs.

## Part of a larger project?

No

## Larger Project Description

### Activity Type

3.7 Institutional Infrastructure & Development

### Alignment with selected Regional Priority Approaches

This NTA contributes to regional priorities LDC1.2, FP1.3, & EST1.2 by providing analysis and decision making tools that aid governments and agencies in understanding future social, economic, and political factors affecting land development. The scenario and decision tools would improve and maximize the utility of existing maps by providing integrated analysis on land use alternatives in relation to critical areas and resource lands. This would lead to improved planning under the GMA and assist with balancing economic growth and development with environmental needs.

Updating the existing Puget Sound Mapping Project (PSMP) maps through 2022 will improve our understanding of growth pressures and improve Local growth management plans, while additional maps would identify: 1) long term open space within the urban growth areas (UGAs) (golf courses, parks, cemeteries), 2) urban development still on septic sewer systems, and 3) other analysis to aid local land planning decisions. These maps could be used to assist with focusing redevelopment and adaptively managing critical areas, infill, etc. The NTA would also assist efforts to track progress on Land Cover and Development Vital signs.

### Contributions to Recovery

Developing a web-based decision tool that assists with land use and natural resource planning would increase local capacity to plan for growth, protect the environment, and aid in focussing restoration throughout the region. Providing additional GIS analysis that addresses the most pressing issues on growth and the environment would also assist with monitoring land development and cover targets and Puget Sound.

### Submittal Category

New NTA

### Salmon Recovery (4 Year Work Plan) Project?

Don't know

## Coordinating with LIO

No

## If an Ongoing Program, Ongoing Program Type

Expansion or enhancement

## Ongoing Program Name

This NTA progresses the Puget Sound Mapping Project that compared planed growth (zoning) with actual development, and with land cover/development vital signs. [www.commerce.wa.gov/serving-communities/growth-management/puget-sound-mapping-project/](http://www.commerce.wa.gov/serving-communities/growth-management/puget-sound-mapping-project/)

## Owner Organization

Department of Commerce

## Organization Type

State Agency

## Organization Website

## Cost Estimate

\$998,750.00

## Secured Funding

\$0.00

## Financial Comment

NTA can be scaled to meet available funding

1.GIS Analysis; 4 analysis for 4 yrs; \$260,000

2.Facilitated Advisory Group, stakeholder coordination and summary of needs; \$64,000 1.5 yrs

3.Map/Model, \$337,500 (1.5yrs)

4.Web page; \$202,500 (1 yr)

5.Pilots / local technical asst; \$108,750 (1 yr)

6. Workshops/Trainings; \$26,000 (1 yr)

Map development costs based upon previous efforts.

**Latitude**

47.040215

**Longitude**

-122.892913

**Effectiveness data collected?**

No

**Time frame (yr)**

4

**Scale of the NTA and Local Areas****Location Type**

Non site-specific

**Soundwide?**

Yes

**Scope/Scale**

Regional

**Regional Priorities**

VITAL SIGN	REGIONAL PRIORITY	REGIONAL PRIORITY TITLE	APPROACH	
Land Development and Cover	LDC1	Enable protection and planning by addressing information needs on the most	LDC1.2	Gain a better understanding of the social, economic, and political factors currently

		ecologically important areas		affecting habitat.
Floodplains	FP1	Enable greater local planning capacity to address restoration and protection.	FP1.4	Gain a better understanding of future social, economic, and political factors (such as population growth) that will affect habitat.
Estuaries	EST1	Enable greater local planning capacity to develop and implement multi-benefit, landscape-scale estuary restoration.	EST1.2	Gain a better understanding of the social, economic, and political factors currently affecting habitat.

### Activities

NUMBER	ACTIVITY	ACTIVITY OUTPUT (WHAT IS THE EXPECTED RESULT OR THE PRODUCT?)	TIMEFRAME (YEARS)	RESPONSIBLE PARTNER
1	Update Growth and development Maps and conduct additional GIS Analysis in support of GMA	Minimum 1 Analysis produced per year	4	Owner Organization

and Puget Sound  
Recovery

2	Convene advisory group of local governments and agencies to provide needs and functionality of decision model for planning applications	6 meetings of advisory group	1.5	Owner Organization
3	Develop Integrated Mapping Tool and model that integrates zoning, growth, and agency resource maps and provides multiple scenario analysis	GIS Model & Mapping Tool	1.5	Owner Organization
4	Develop User Interface, web site and tutorials for how to use tool in local planning and recovery efforts	web page and portal with full functionality and tutorials	1	Owner Organization
5	Provide technical assistance to local governments to walk through use of the tools and develop maps	Produce integrated maps in 1-2 local jurisdictions	1	Owner Organization
6	Conduct outreach, training, and workshops	2 conferences, 2 trainings or workshops	1	Owner Organization

## Related Databases

No records found.

## Partners

No records found.

## Contacts

ROLE	NAME	EMAIL ADDRESS	ORGANIZATION
Manager	Charlene Andrade	<a href="mailto:charlene.andrade@commerce.wa.gov">charlene.andrade@commerce.wa.gov</a>	Department of Commerce
Coordinator	Charlene Andrade	<a href="mailto:charlene.andrade@commerce.wa.gov">charlene.andrade@commerce.wa.gov</a>	Department of Commerce
Financial Coordinator	Charlene Andrade	<a href="mailto:charlene.andrade@commerce.wa.gov">charlene.andrade@commerce.wa.gov</a>	Department of Commerce

## Other Geographies

Is this Near Term Action a Sound-wide activity?

Yes

**Lead Entities**

North Olympic Peninsula Watershed	No	Deschutes Watershed	No	West Sound Watershed	No	Stillaguamish Watershed	No
Snohomish Watershed	No	Nisqually Watershed	No	Kennedy - Goldsborough Watershed	No	Nooksack Watershed	No
Skagit Watershed	No	Island Watershed	No	Duwamish - Green Watershed	No	Hood Canal Watershed	No
Puyallup Watershed	No	Cedar - Sammamish Watershed	No	San Juan Watershed	No		

### Legislative Districts

1	No	24	No	33	No	42	No
2	No	25	No	34	No	43	No
5	No	26	No	35	No	44	No
10	No	27	No	36	No	45	No
11	No	28	No	37	No	46	No
20	No	29	No	38	No	47	No
21	No	30	No	39	No	48	No
22	No	31	No	40	No		
23	No	32	No	41	No		

### Counties

Chelan	No	King	No	Okanogan	No	Thurston	No
Clallam	No	Kitsap	No	Pierce	No	Whatcom	No
Grays Harbor	No	Kittitas	No	San Juan	No		
Island	No	Lewis	No	Skagit	No		
Jefferson	No	Mason	No	Snohomish	No		

### Attachments

No records found.