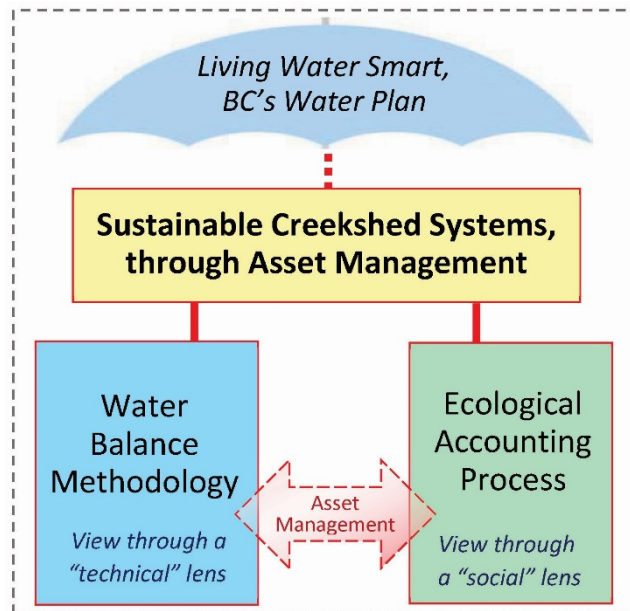


Whole-System, Water Balance Framework for 'Holistic M&M'

EAP provides local government staff and collaborators with a methodology and metrics that have not previously been available.

If you are keen to learn more, contact Tim Pringle, EAP Chair, at tpringle@watersustainabilitybc.ca



Hydrology is the Engine that Powers Ecological Services

Twin Pillars of Restorative Land Development

ECOLOGICAL ACCOUNTING PROCESS

A B.C. Strategy for Community Investment in the Natural Commons

EAP is a valuation methodology. It provides metrics that enable communities to establish 'real numbers' for the **worth** of ecological assets and services in the natural commons.

EAP uses the parallel concepts of the *natural commons* and the *constructed commons* to enable residents, elected persons, and practitioners to consider ecological services and use of land (*development*) as equally important.



An initiative of:



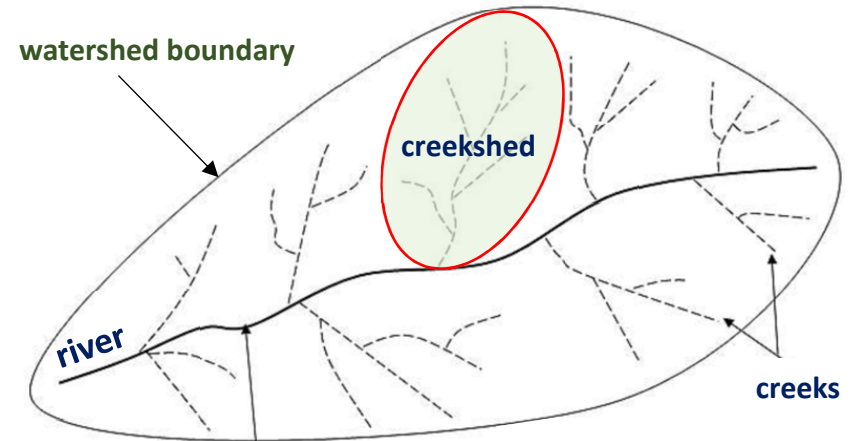
the partnership
for water sustainability in bc

LAND USE CHALLENGE

Local governments and communities need real numbers, not imputed values, to make community investment decisions for maintenance and management (M&M) of ecological assets in the natural commons (which includes streams, riparian corridors and the hydrology of a drainage area).

M&M defined > ‘Maintenance’ means prevent or avoid degradation. ‘Management’ means improve the condition of ecological assets.

Holistic M&M > A *whole-system, water balance* approach that understands how water reaches a stream. (It is insufficient to look at nature primarily as a substitute for engineered infrastructure.)



HOW COMMUNITIES DECIDE HOW MUCH TO INVEST IN CREEKSHEDS

Worth, by definition, is ‘value in use’. For any creek system, investment in M&M reflects what residents and the community think the natural commons of the creekshed is worth. This is a social perspective.

The EAP Methodology uses real numbers from BC Assessment to assign a dollar value to the natural commons. This provides a basis for budgeting expenditures for M&M.

To learn about EAP demonstration applications, visit www.naturalcommons.ca