



What is a stream management plan?

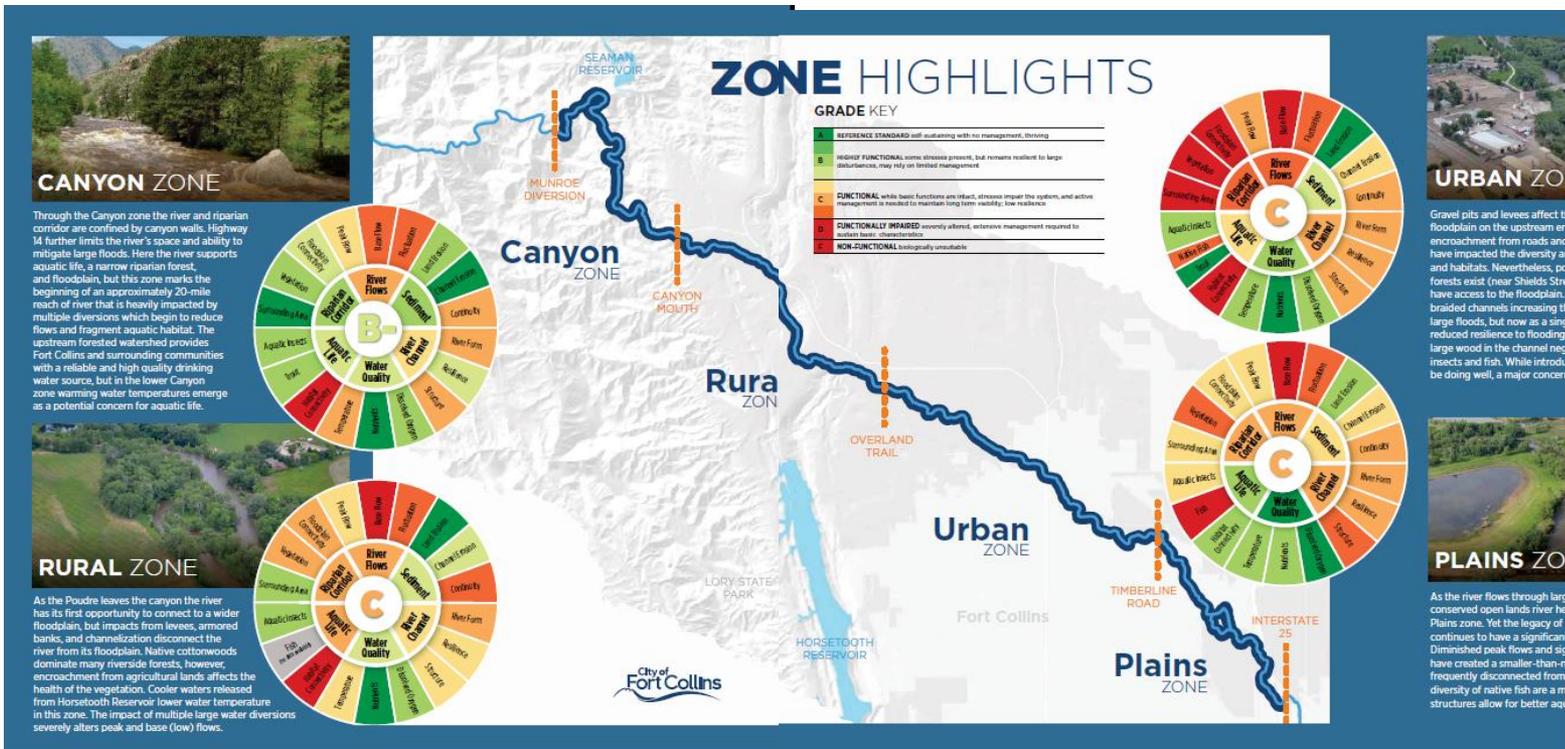
Stream Management Plans use assessments to analyze holistic river health (fishery, ability to transport sediment, bank stability, riparian corridors, etc) and recreation goals.

CWCB 2018 Guidance: A stream management plan should:

- (1) Involve **stakeholders** to identify **environmental & recreational values/objectives** that are locally important;
- (2) Assess existing **biological, hydrological, and geomorphological** conditions at a reach scale;
- (3) Identify **flows, other physical conditions or projects** needed to support environmental and recreational values;
- (4) Prioritize **alternative management actions or projects** to achieve measurable progress toward maintaining or improving flow regimes and other physical conditions.

Poudre River - 2017

Objectives: To create an ecological assessment of current-day river health to help meet Ft. Collins' strategic goal to work towards "...sustaining a healthy and resilient Cache la Poudre River".



Where are stream management plans?



- Big Thompson River
- Blue River
- Cache la Poudre River (Upper)
- Cache la Poudre (Fort Collins)
- Colorado River (Glenwood to DeBeque)
- Colorado River (Grand County)
- Crystal River
- Eagle River
- Gunnison River (upper)
- North Fork of the Gunnison River
- Rio Grande, Conejos River, and Saguache Creek
- Roaring Fork River (Aspen)
- Saint Vrain and Left Hand Creeks
- San Juan River (upper)
- San Miguel River
- South Boulder Creek
- South Fork Republican River
- South Platte River (Chatfield)
- South Platte River (middle)
- Yampa River (Steamboat Springs)
- Yampa & Elk rivers

Success Slowly But Surely

WATER DESK

Rancher on Crystal River agrees to change diversions to benefit river

By Sarah Tory, Aspen Journalism January 24, 2018



PHOTO COURTESY

section of the lower Crystal River in late summer 2012. Irrigators and other water users in the valley are working toward ways to leave water in the river during moderate d

CARBONDALE – There is a new way to put water in the river.

After more than a year of back and forth with the Water Trust announced Tuesday a pilot agreement to change streamflows in the Crystal River during dry

The three-year agreement will compensate the Cold Mountain Ranch just west of Carbonada for water in the Crystal River when it needs a boost

Although the Water Trust has spearheaded the effort in Colorado, the Cold Mountain Ranch deal is a first for diversions.

STEAMBOAT PILOT & TODAY

NEWS OPINION EXPLORE STEAMBOAT SPORTS & OUTDOORS MAGAZINES

New endowed fund seeks to improve Yampa River health across Northwest Colorado

February 3, 2019



The snow-covered Yampa River winds through western Routt County at The Nature Conservancy's Yampa River Preserve east of Hayden on Sunday afternoon. (Photo by Eleanor C. Hasenbeck)

STEAMBOAT SPRINGS — The Yampa River will soon have its own endowed fund.

A coalition of water managers, ranchers, river rats and conservationists are working to assemble the Yampa River Fund, an endowed fund that would help pay for projects to improve the health of the Yampa River.

Aspen Journalism

Contact About

its more info from city of Aspen in Castle, Maroon dam cases

WATER DESK

Groups call for new stream gauges to measure rivers

By Brent Gardner-Smith February 13, 2012

RECOMMEND TWEET EMAIL PRINT MORE



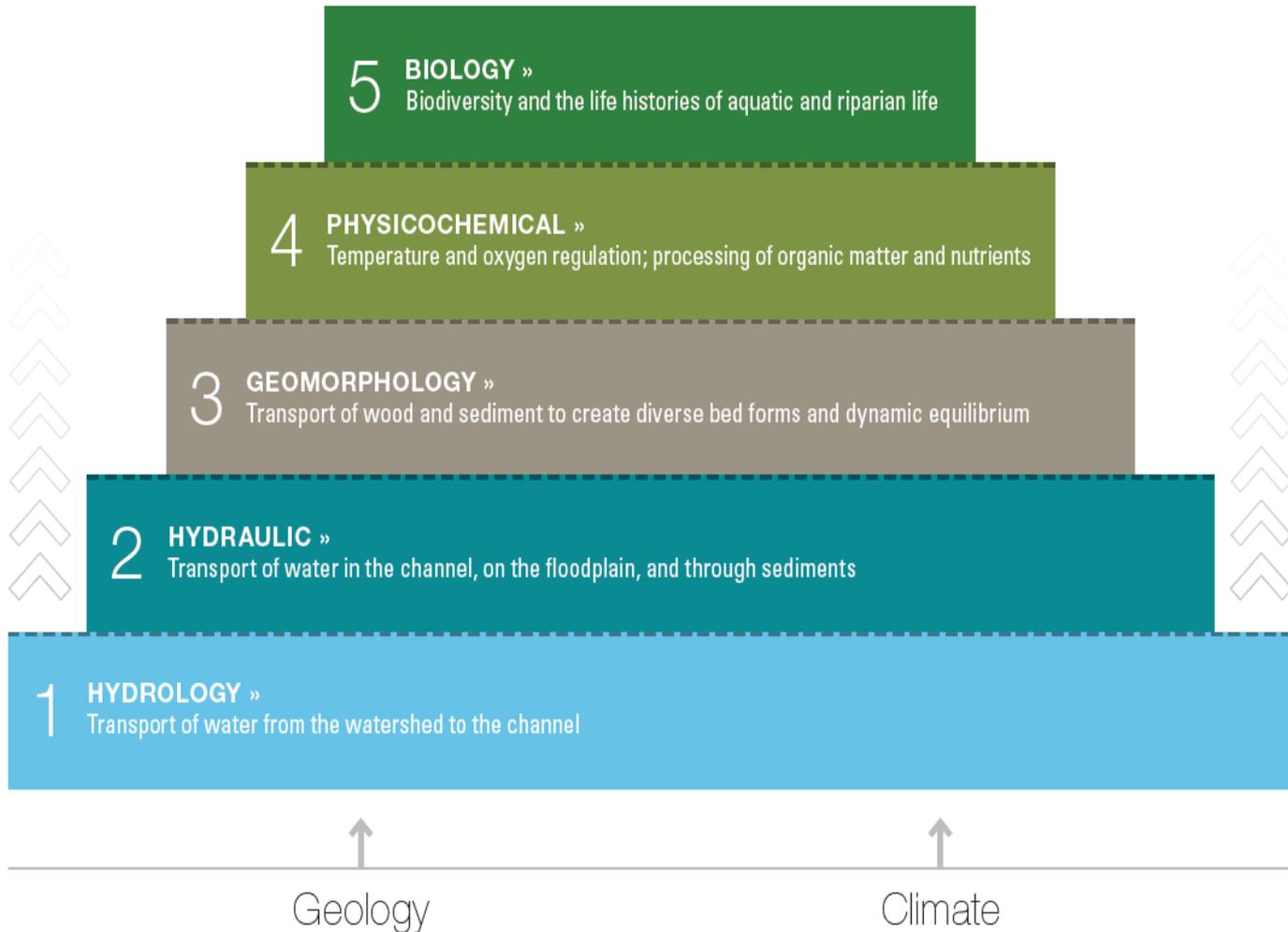
BRENT GARDNER-SMITH

Part of the streamflow management infrastructure at the city's existing hydropower plant on Maroon Creek. Groups in the community are calling for stream gauges to be installed below the city's infrastructure on both Maroon and Castle creeks.

Two groups critical of the city of Aspen's proposed hydropower plant along the banks of Castle Creek are now raising funds to install stream gauges on that stream, as well as Maroon Creek.

SMP Goals and Methods

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safer/better recreational experiences



Integrated Water Mgt Plans

Integrated Water Management Plans took the SMP concept and widened it to assess a wider array of needs.

This allows a regional, comprehensive understanding of needs and gaps for environmental, recreational, and consumptive users, and attempts to fill those needs in a way that is mutually beneficial.

PROVISIONING GOODS AND SERVICES

- Agricultural Production
- Drinking Water Supply
- Industrial Processing
- Hydropower Production

REGULATING AND MAINTENANCE GOODS AND SERVICES

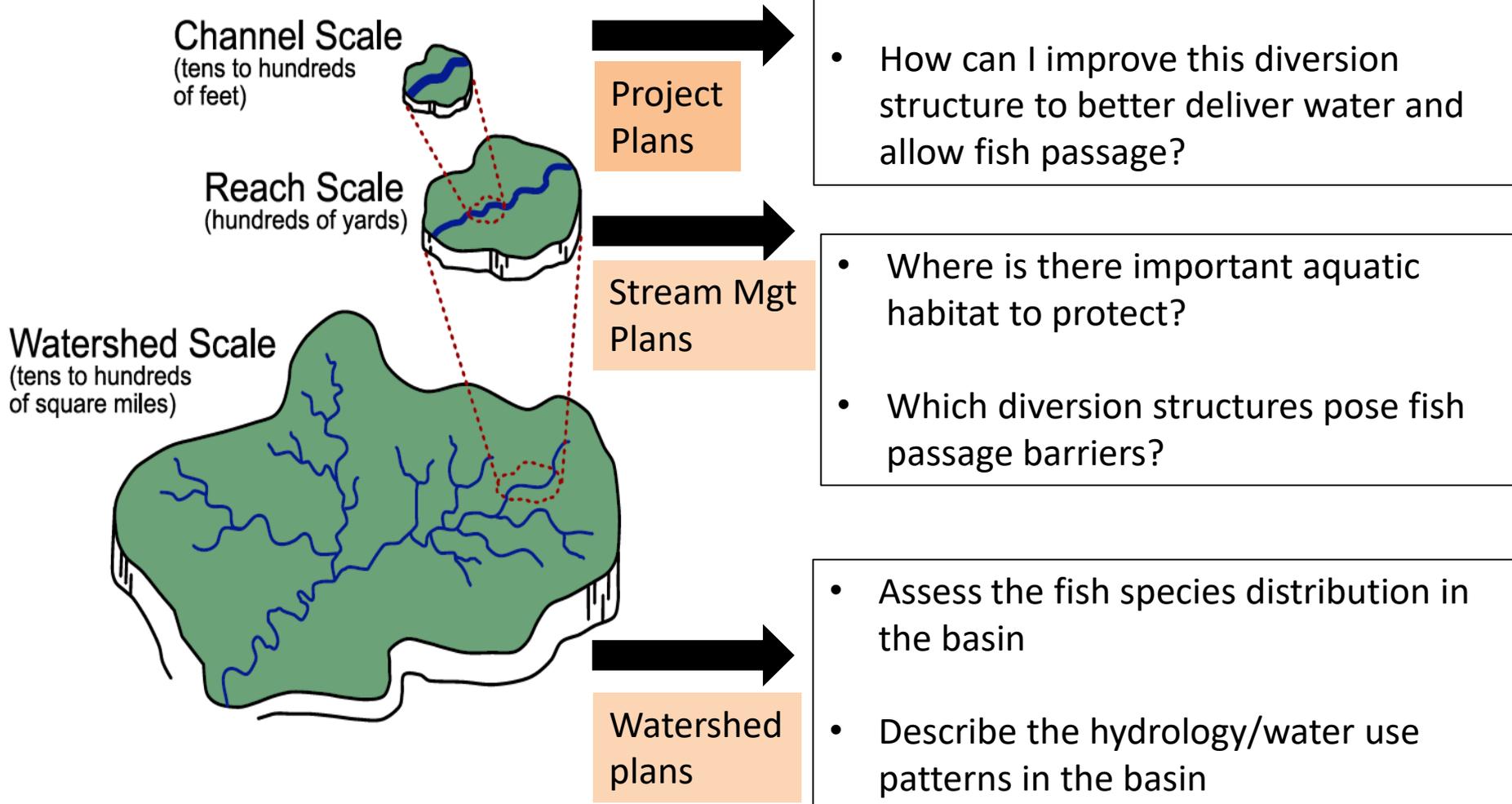
- Flood Regulation
- Groundwater Recharge
- Erosion Control
- Pest Regulation
- Regulatory Compliance

CULTURAL GOODS AND SERVICES

- Aesthetics and Intrinsic Values
- Symbolic & Emblematic Species
- Boating Recreation
- Angling Recreation

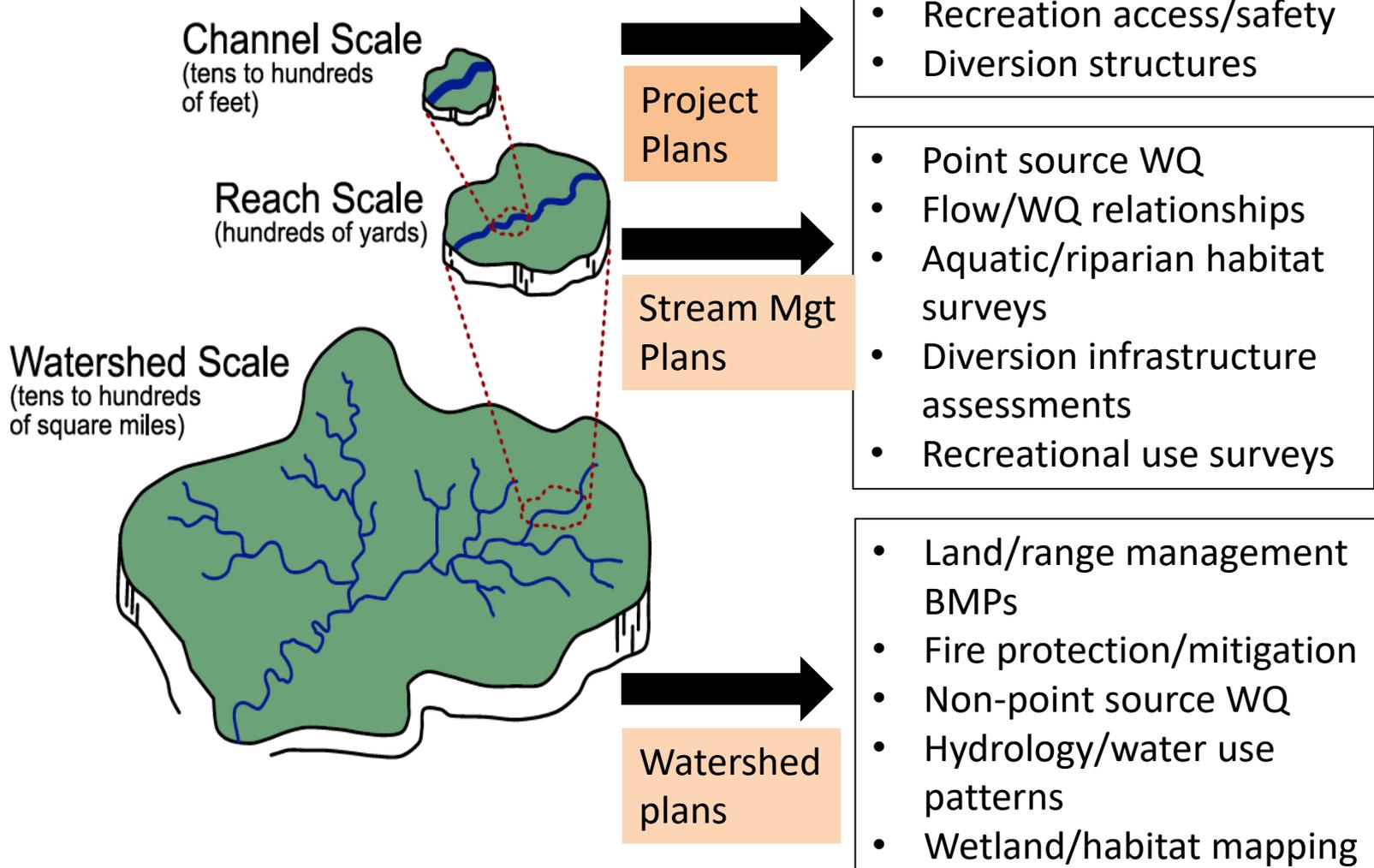
Scales of Watershed Planning

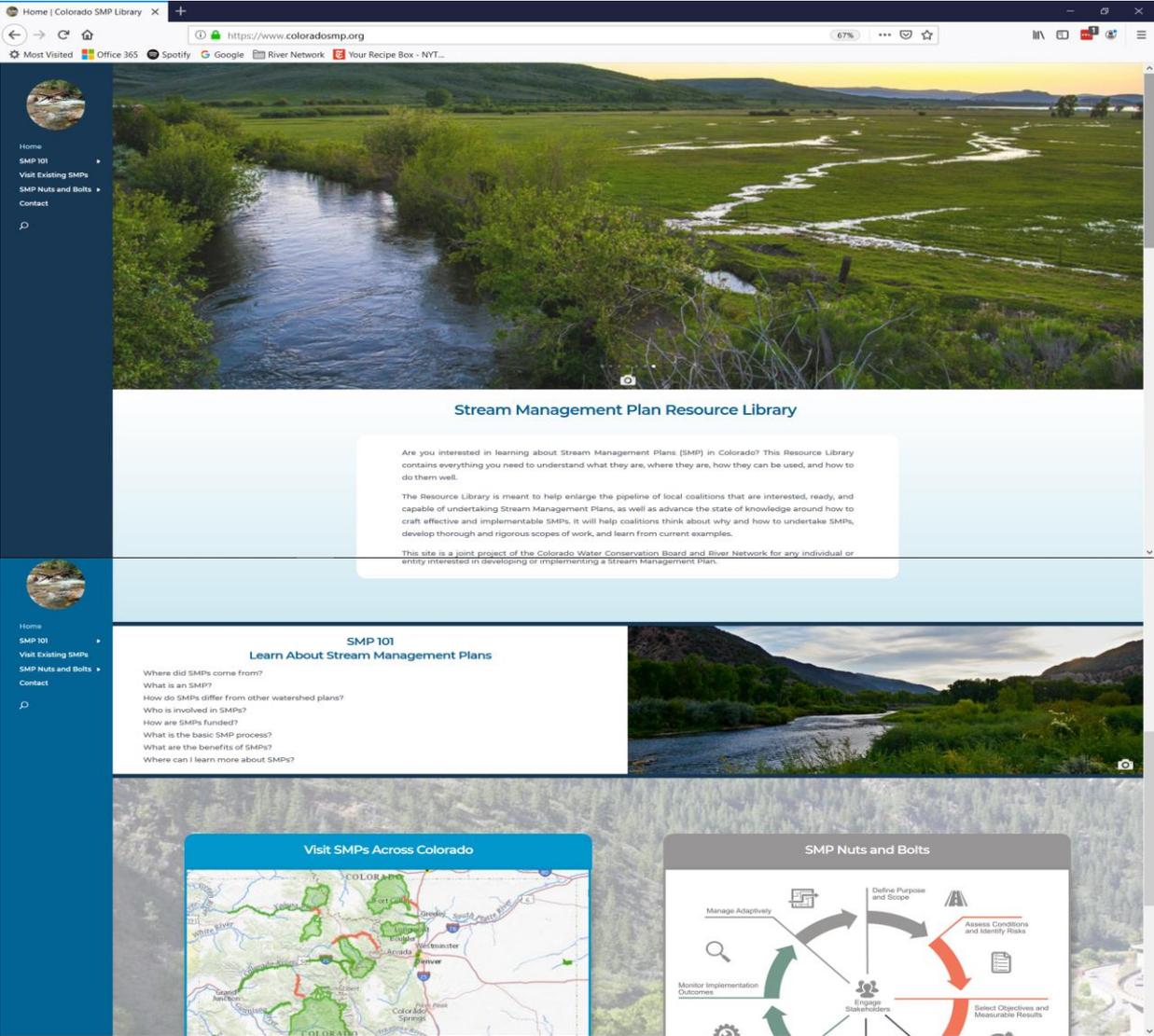
Questions



Scales of Watershed Planning

Variables





Basic Info on SMPs

Map and profiles of all SMP projects

Nuts and bolts on approaches (coming soon)