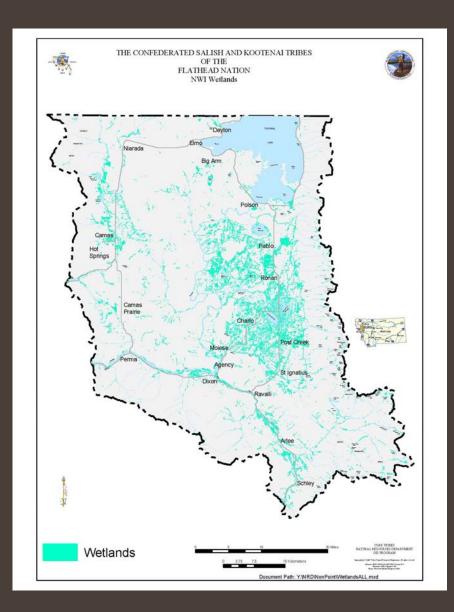
# CSKT: Wetland data needs

Tabitha Espinoza
Wetlands Conservation Program
2021

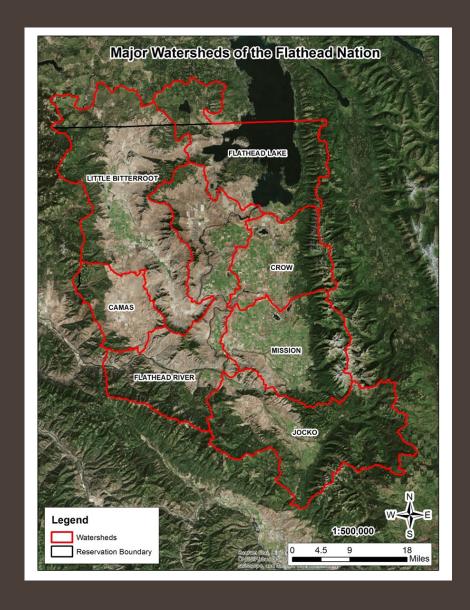


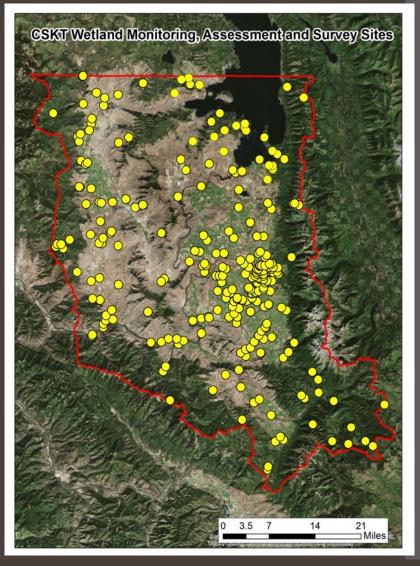
Wetlands
Conservation
on the
Flathead
Indian
Reservation



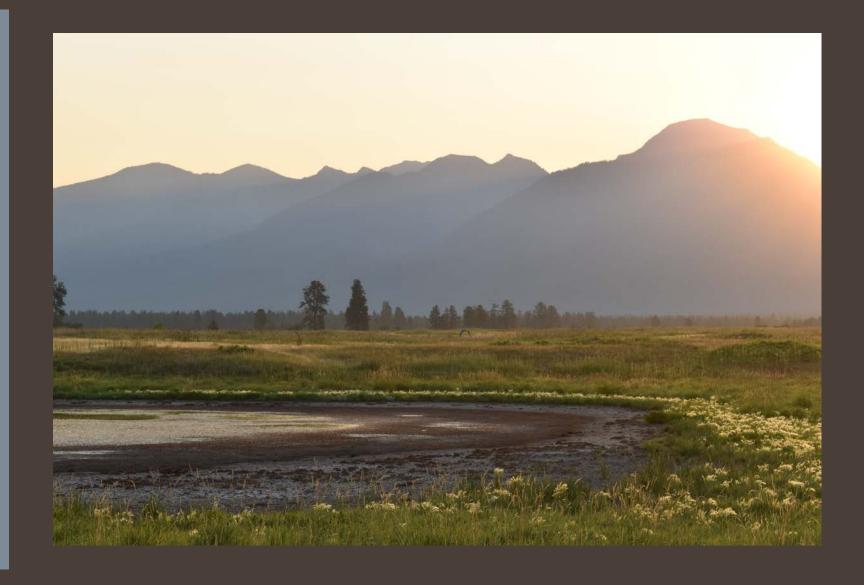


17 years of
Assessment
and
Monitoring:
rotating basin
approach





How to manage the data to best protect the resources?



### Data issues: How we got here

## Lots of data

#### Previous monitoring and assessment work:

- 1993: NWI accuracy assessment surveys (130), primarily in the Crow and Mission Watersheds.
- 2004: Mission Watershed (20 sites)
- 2005: Little Bitterroot Watershed (20 sites)
- 2006: Crow Watershed (21 sites)
- 2007: Flathead Lake Watershed (13 sites)
- 2008: Jocko Watershed (20 sites)
- 2009: Lower Flathead River Watershed (19 sites)
- 2010: Camas Watershed (18 sites)
- 2011: No funding
- 2012: Mission Watershed (20 sites). Land cover report completed for Mission Watershed
- 2013: Little Bitterroot Watershed (20 sites)
- 2014: No funding
- 2015: No funding
- 2016: 5 monitoring sites in each watershed (35 total)
- 2017: Crow Watershed (20 sites)
- 2018: Flathead Lake Watershed (20 sites)
- 2020: Jocko Watershed (20 sites)

Data issues: How we got here

## Inconsistent Funding leads to ... Staff turnover

From 2004 to 2020, 7 different staff have filled the role of Wetlands Conservation Coordinator and 3 different contractors have assisted in assessment and monitoring efforts.

WPDG funding is usually 2-3 years.

## Data issues: How we got here

## Staff turnover leads to ... disorganization

#### Where/how is our data stored?

- LOTS of paper documents in files
- One Access database with 7 years of plant and assessment data
- 2 word documents with plant species lists for 20 sites, along with a PDF file with the same information
- One excel sheet with 35 species lists (sorted in sheets)
- 60 excel files with species list (one for each site for three years)

## Data issues: Getting organized

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1993										
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2004	. Mission	MWS	FY2004	Relative Abundance database	DL		Geum	20	Mike Durglo	4/29/2019
					Y: arc.user					
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	_				Y: arc.user		_	21 and 2		
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2007	Flathead Lake	FHL	Y: arc.user DL	Relative Abundance database	DL		Geum	LFHR	Sue Ball	4/29/2019
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2012	IVIISSIOTI	IVIVVO		word doc with a list by site# and PDF			CINL	20	Joe weasemeau	5/1/2019
2002	Little Bitterroot	I DWC	6/6/19 added to ext drive	word doc with a list by site# and PDF	Y: arc.user DL	Y: arc.user DL	CNL		Paula Webster	5/4/2040
2013	Little Bitterroot	LDWS	unve	word doc with a list by site# and PDF	Y: arc.user		CIVL	20	Paula Webster	5/1/2019
2016	7 Watersheds	FIR	Y: arc.user DL	excel with 35 short lists (sorted by sheet)	T: arc.user	Did not sum,>=1 HGM type	CNL	2.5	Paula Webster	5/1/2019
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					with short		Y:			
	Jocko/Flathead				lists (one for		arc.use			
2020		JRWS/FI	HL.	Inprocess	each site)	In process	r DL		20 JRWS, 2 FHL	Tabitha Espinoza
2320		2.4112/11							2231112/21112	

## Data issues: Getting organized

### Putting all our data in one place!

 Working with a contractor to format all our data and input it into an existing Access database

## Data issues: Getting organized

#### Next steps?

• Work with a system like AQWMS to be able to ask big picture questions of our data.

Questions?

