USING RADIO TELEMETRY TO STUDY MAHASEER MOVEMENT IN BHUTAN





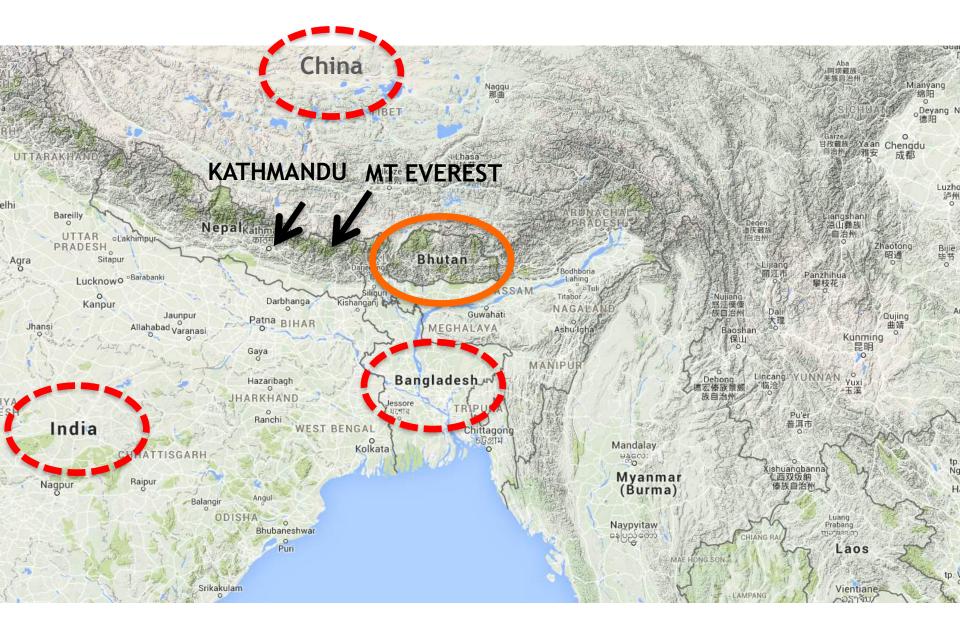




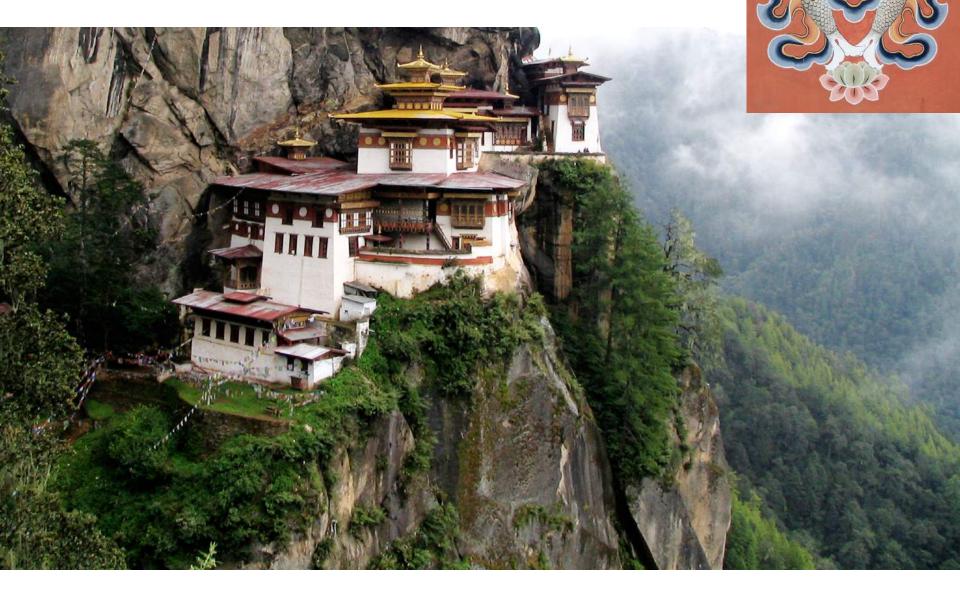
WHERE IS BHUTAN?



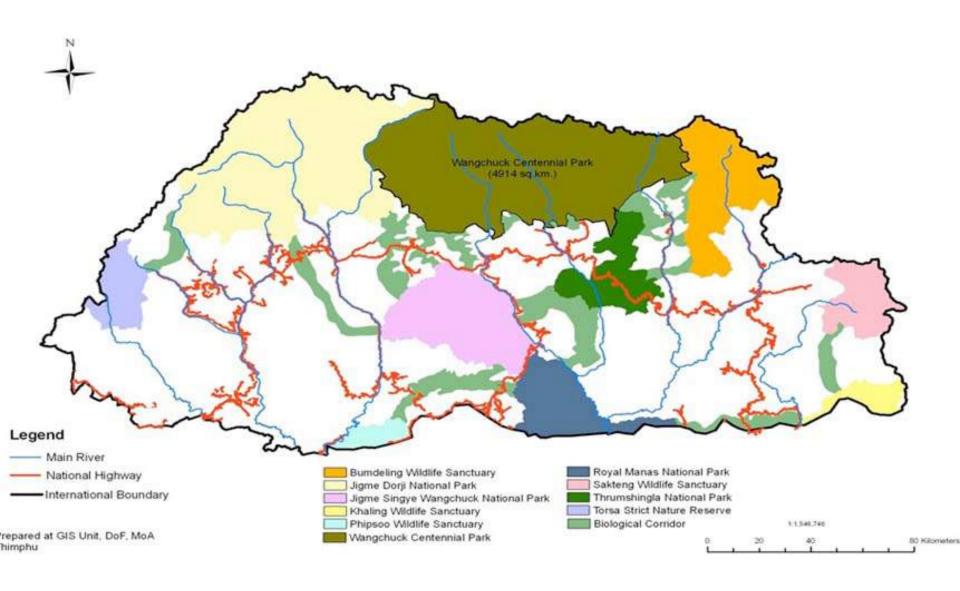
WHERE IS BHUTAN?



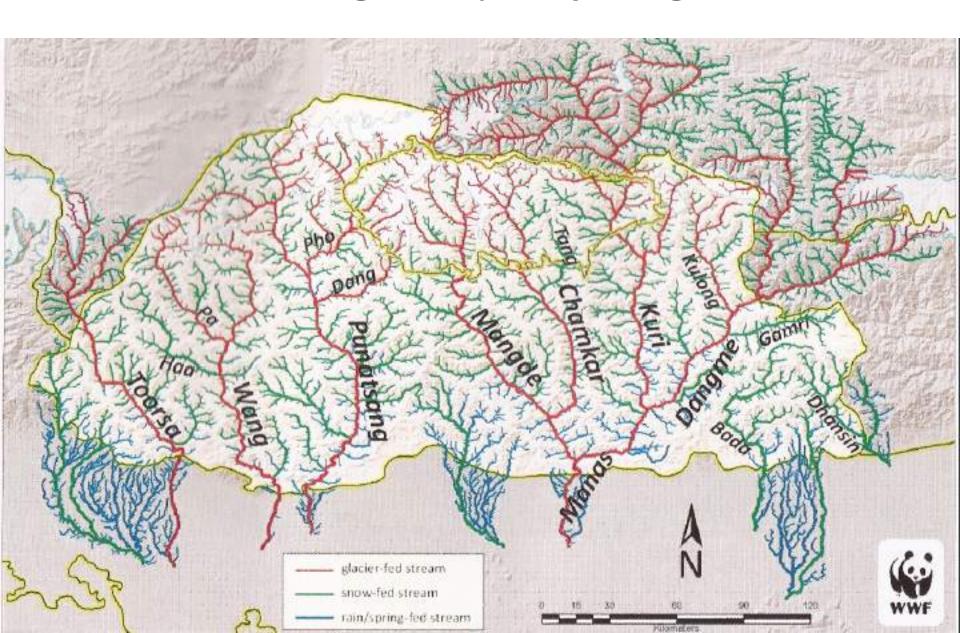
Kingdom of Bhutan



BHUTAN NATIONAL PARKS

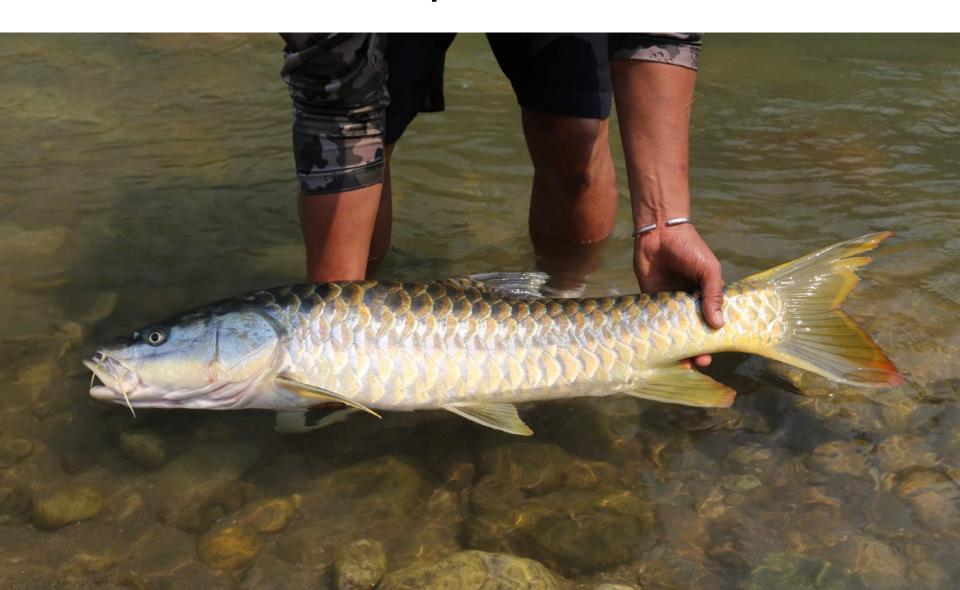


BHUTAN RIVERS



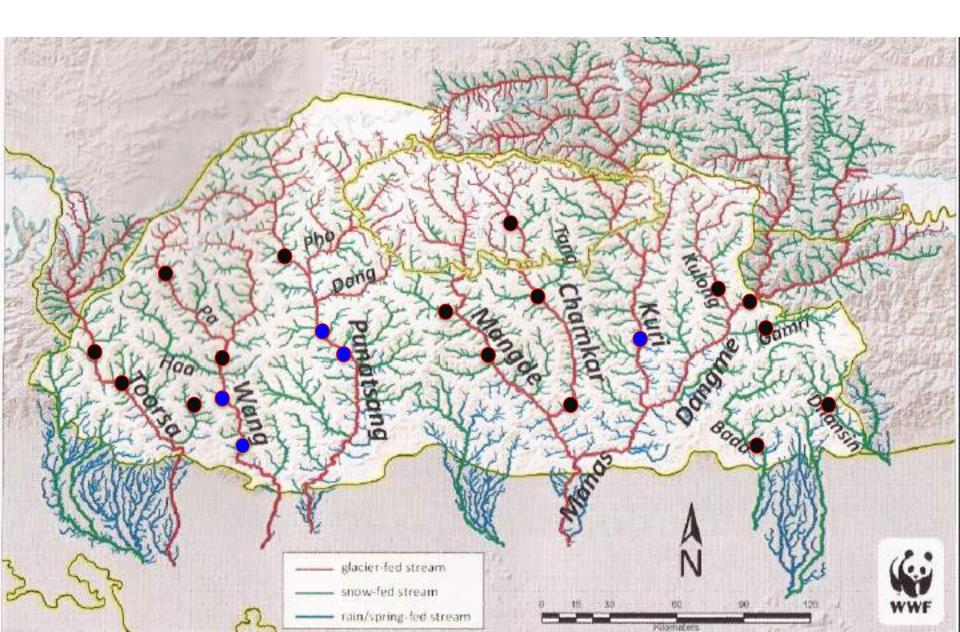


GOLDEN MAHASEER Tor putitora





HYDROPOWER IN BHUTAN



HYDROPOWER IN BHUTAN



PARTNERSHIP



David Philipp
Julie Claussen
Jeff Koppelman
Karl Anderson
Chris Haak

- *Cam Grant
- *Karen Murchie
- *Steve Cooke



Dechen Dorji Tandin Wangdi Jigme Tsuendrup

Chening Dorji Lopsang Dorji Sonam Drukpa Uygen Wangdi Dhawa Dorji



Tshewang Tashi

Karma Wangchuk DK Gurung Tshering Dorji

Tenzing Dorji Tingley Chab Namgay Dorji

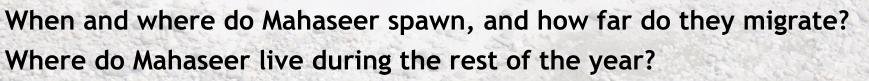


PARTNERSHIP





RESEARCH QUESTIONS



How do Mahaseer respond to high water during the monsoon season?

Do Mahaseer move into India, where they are potentially harvested?



BIG QUESTIONS

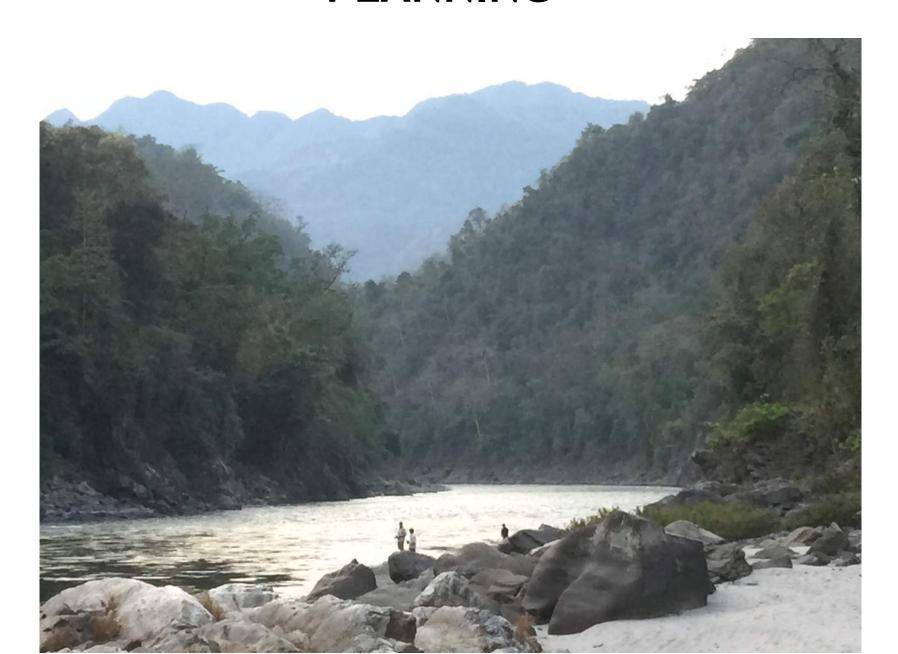
Do dams impact Mahaseer?

What key areas should be protected?

Can a recreational fishery be supported?



PLANNING



RECEIVER STATIONS



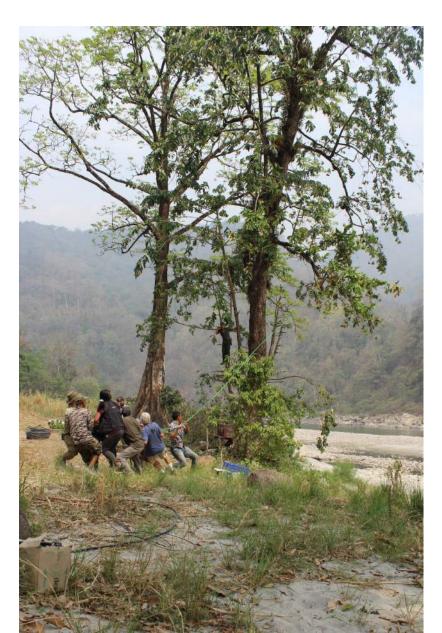
ANTENNAS





SOLAR POWERED RECEIVER STATIONS

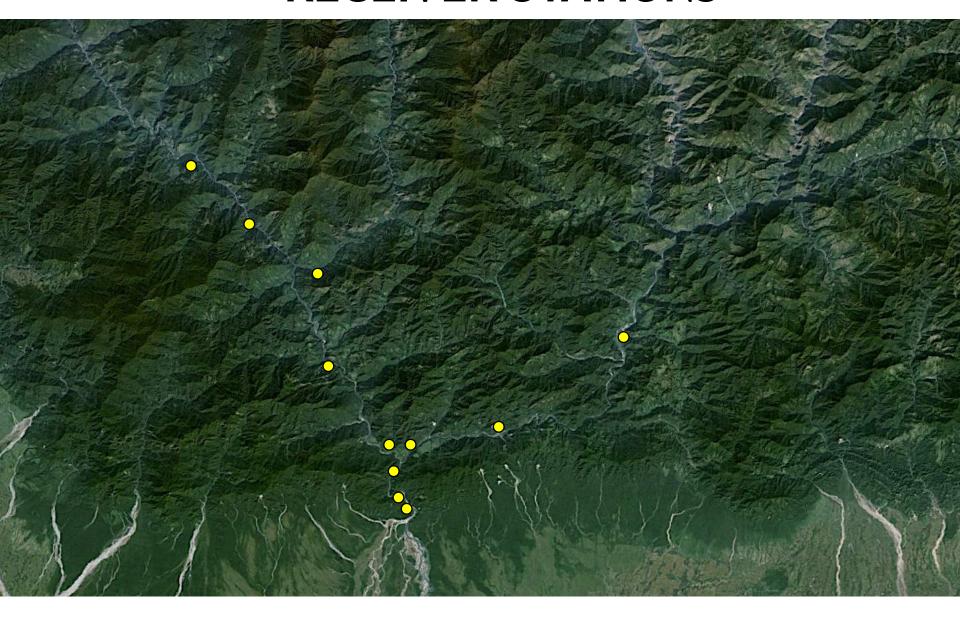




LINE POWERED RECEIVER STATIONS



RECEIVER STATIONS



MANUAL TRACKING



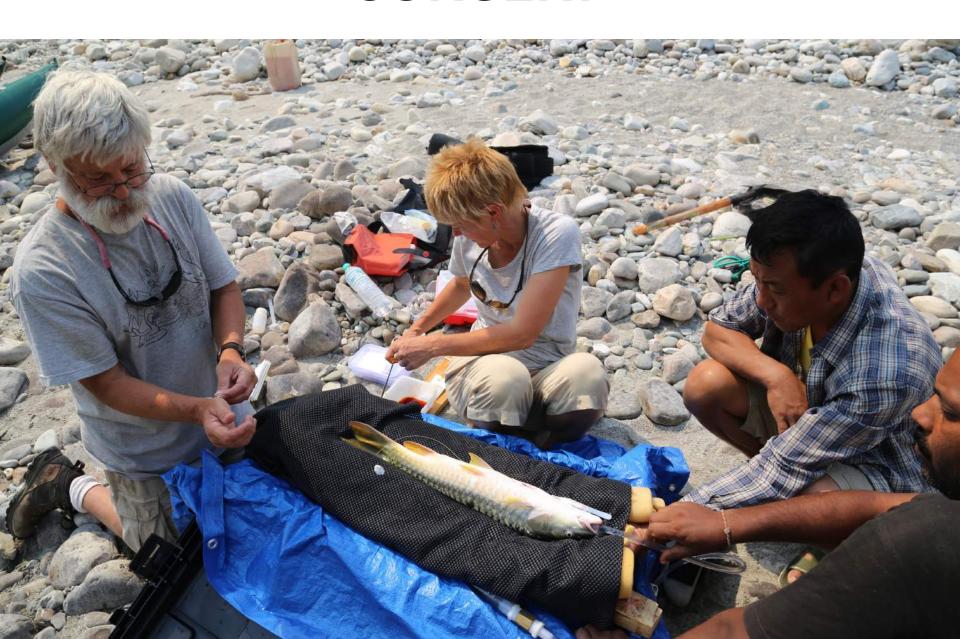
ANGLING



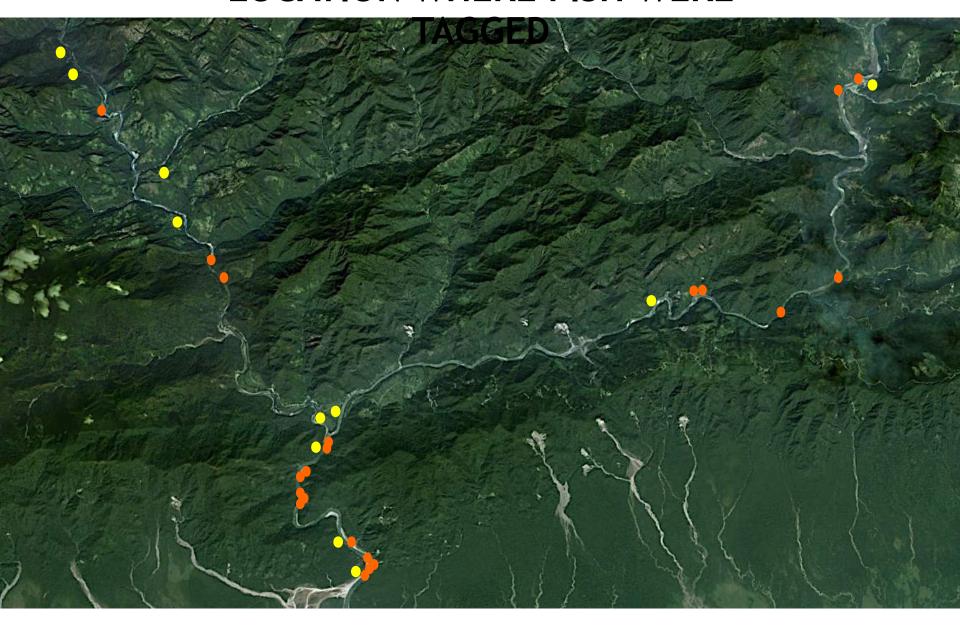
ANGLING



SURGERY



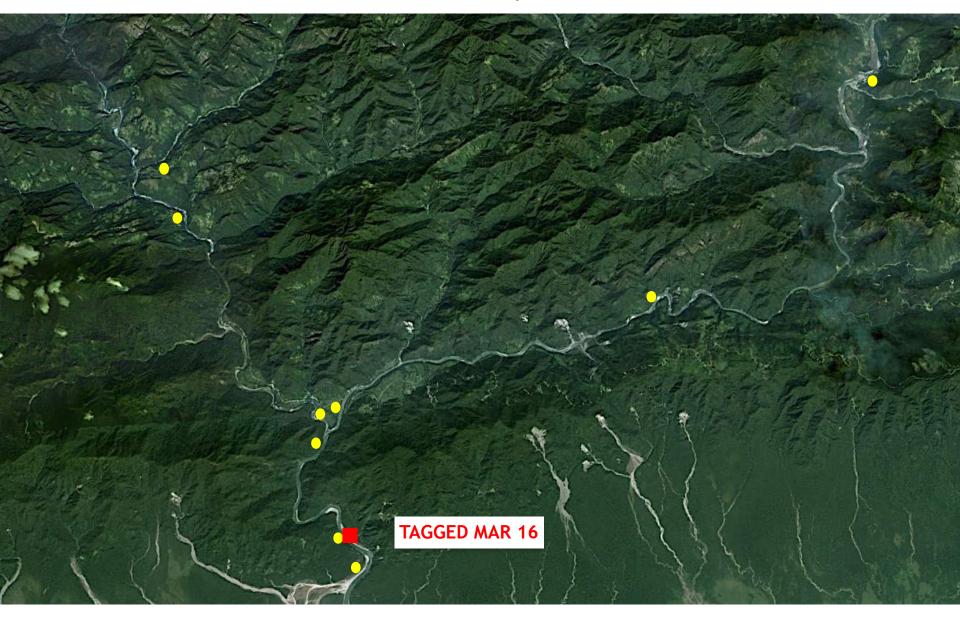
LOCATION WHERE FISH WERE



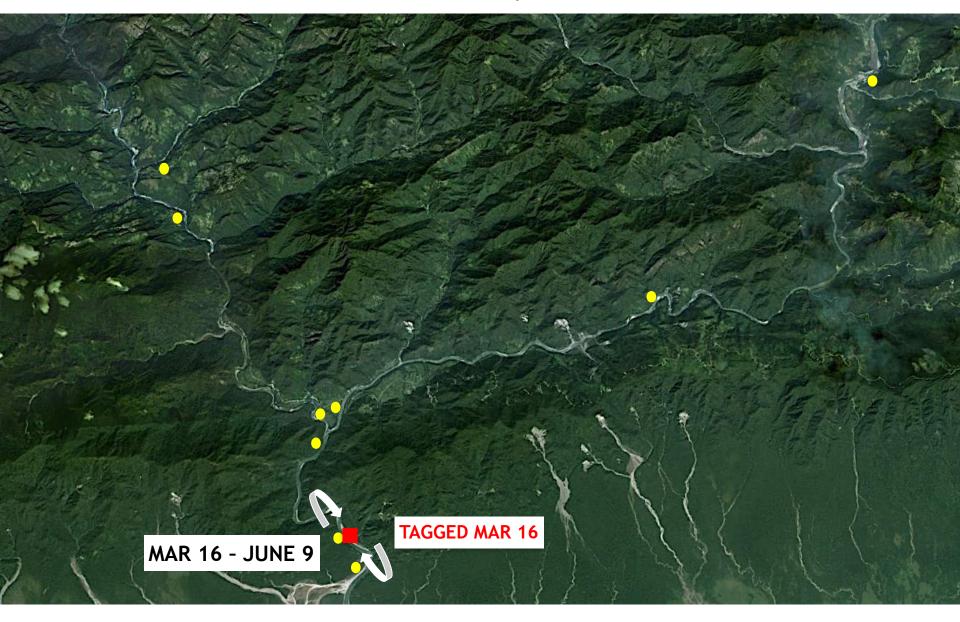
- 11 Receiver Stations
- 19 Fish Tagged
- 1st Download of Data in June - Sent to us July 5
 - Data from 9 Receivers
 - 2 could not be reached due to landslide
- 13 of 19 fish were detected



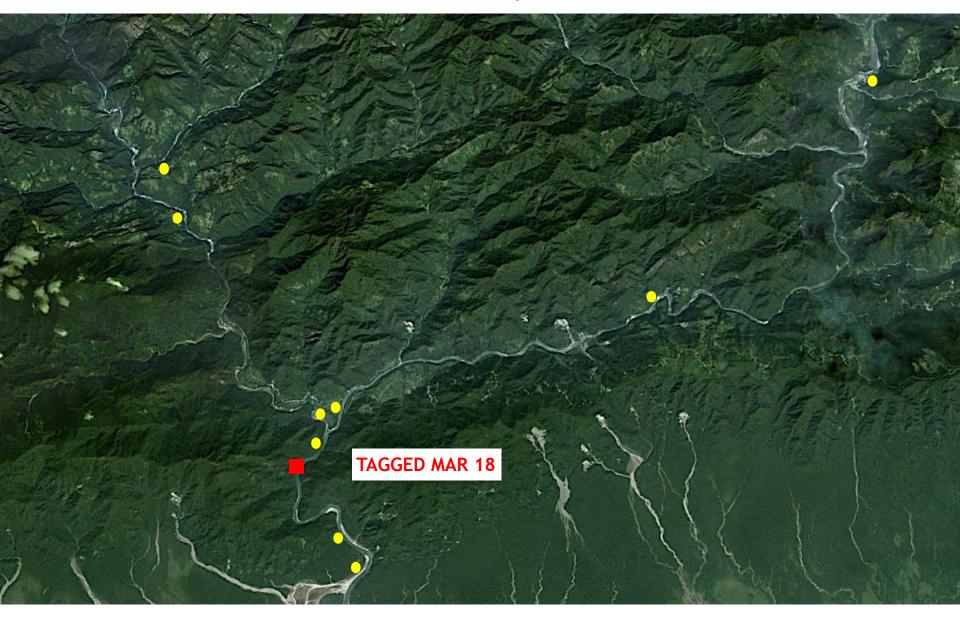
FISH 720.1



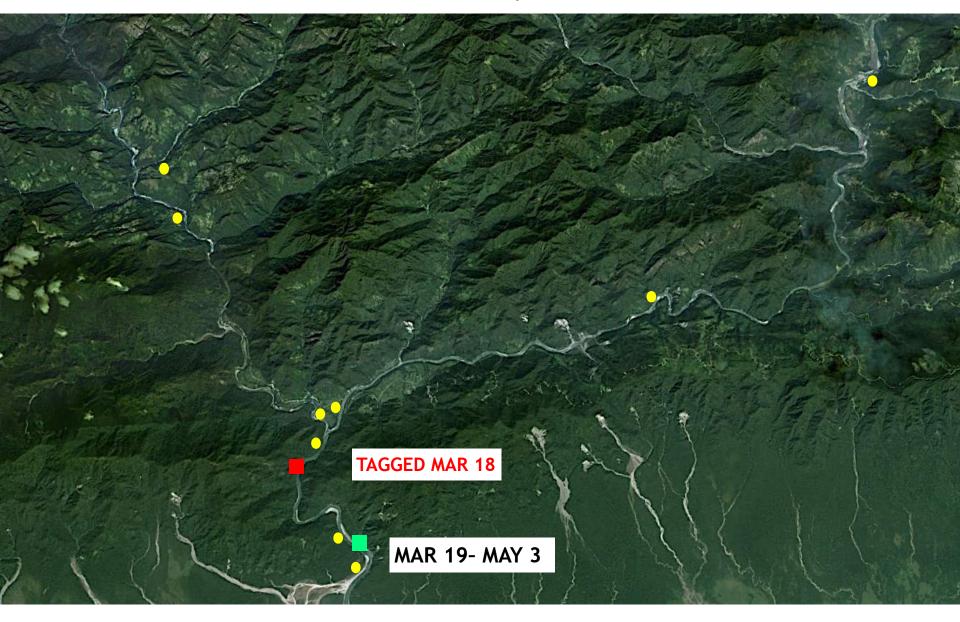
FISH 720.1



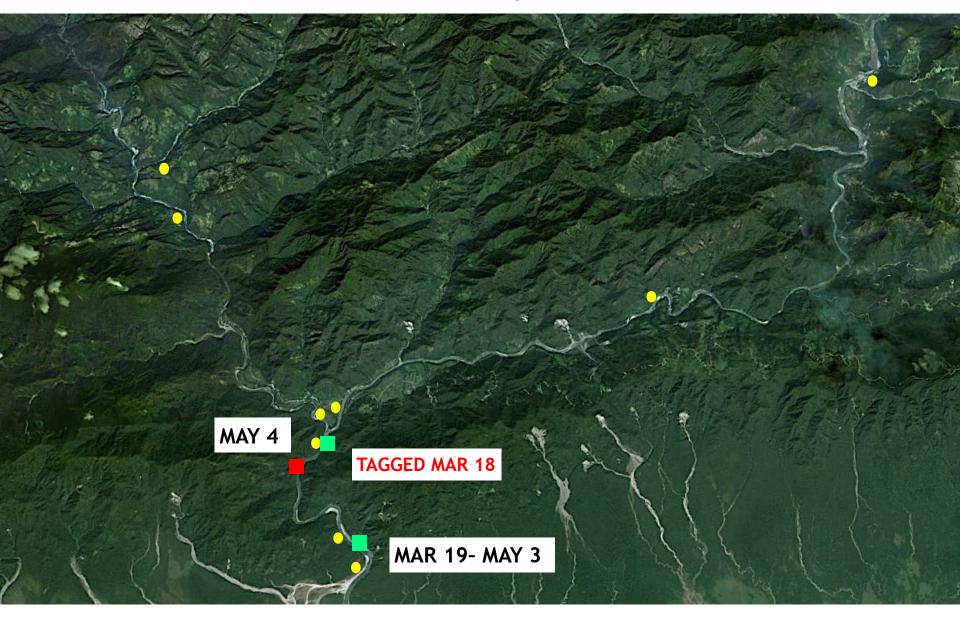
FISH 720.2



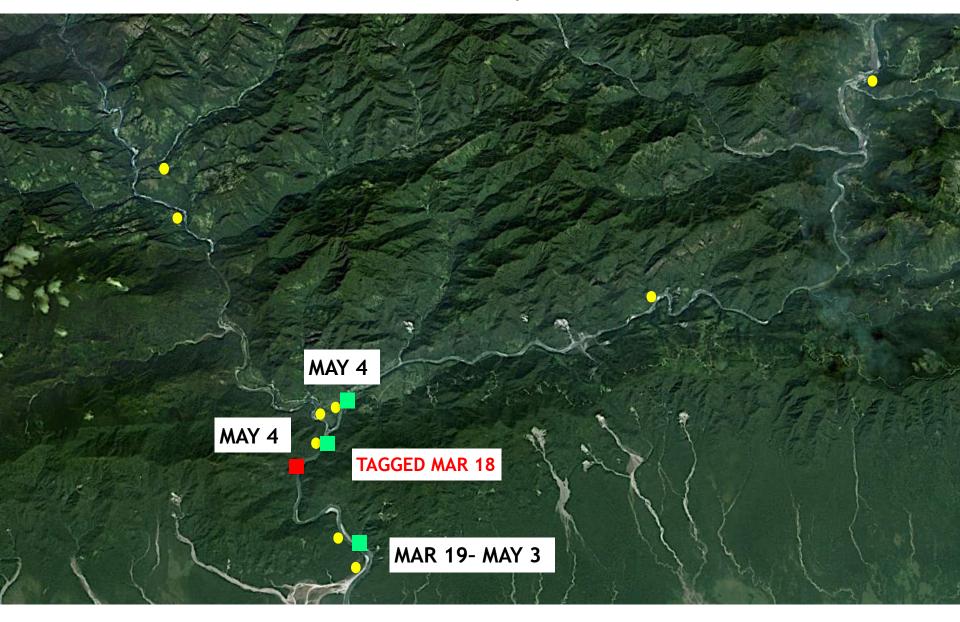
FISH 720.2



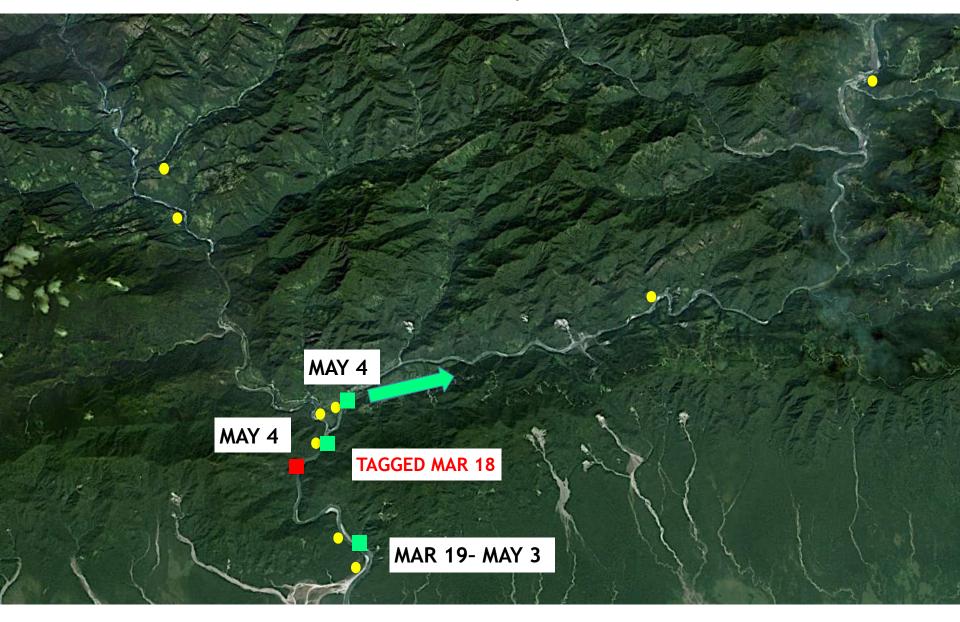
FISH 720.2



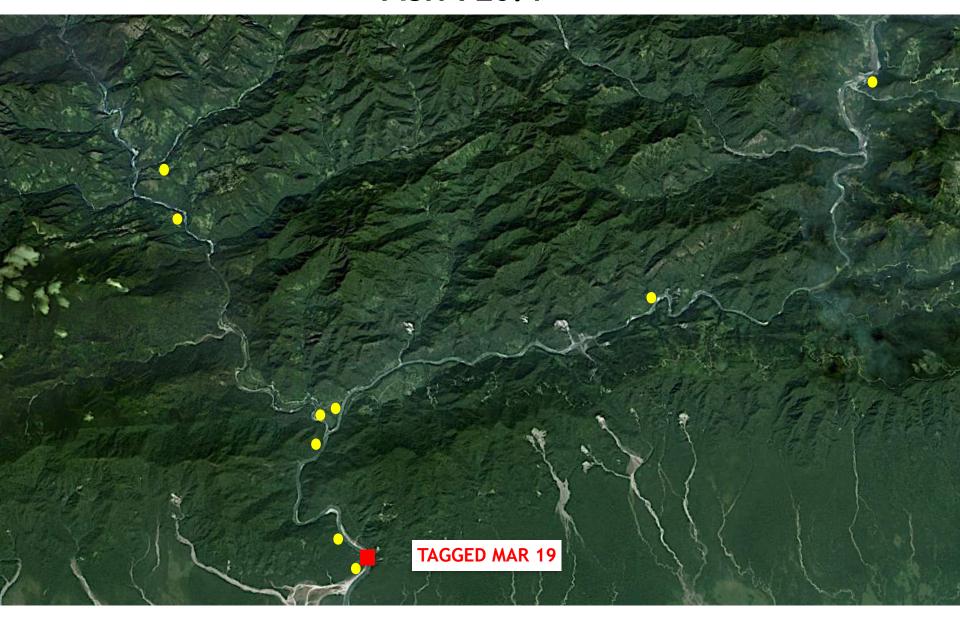
FISH 720.2



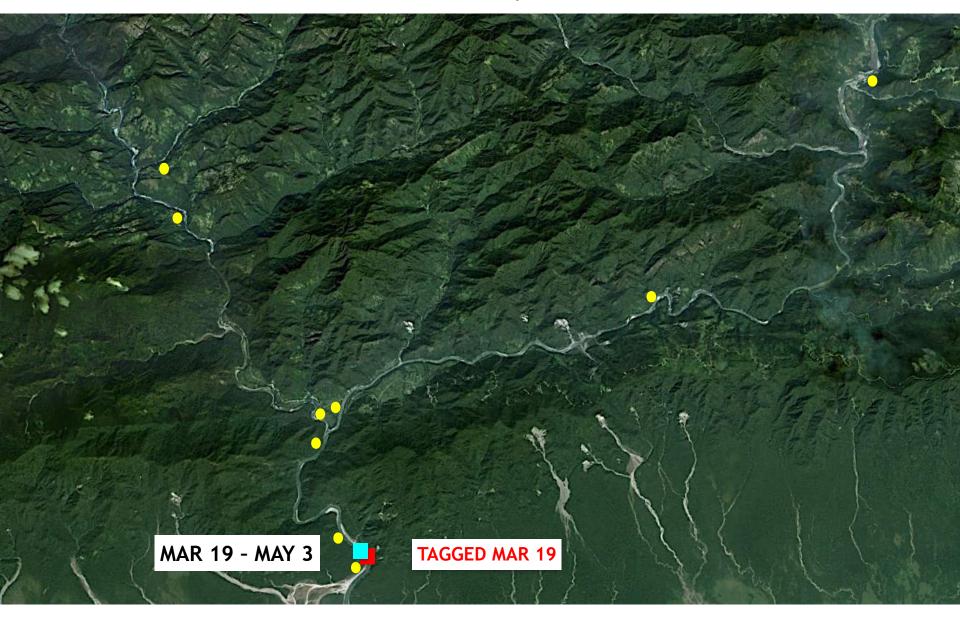
FISH 720.2



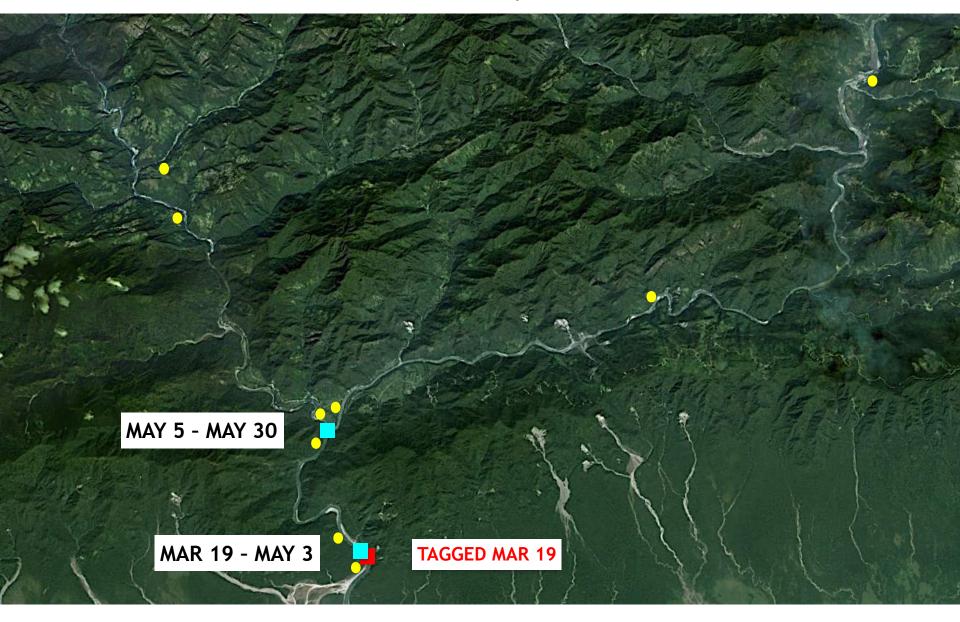
FISH 720.4



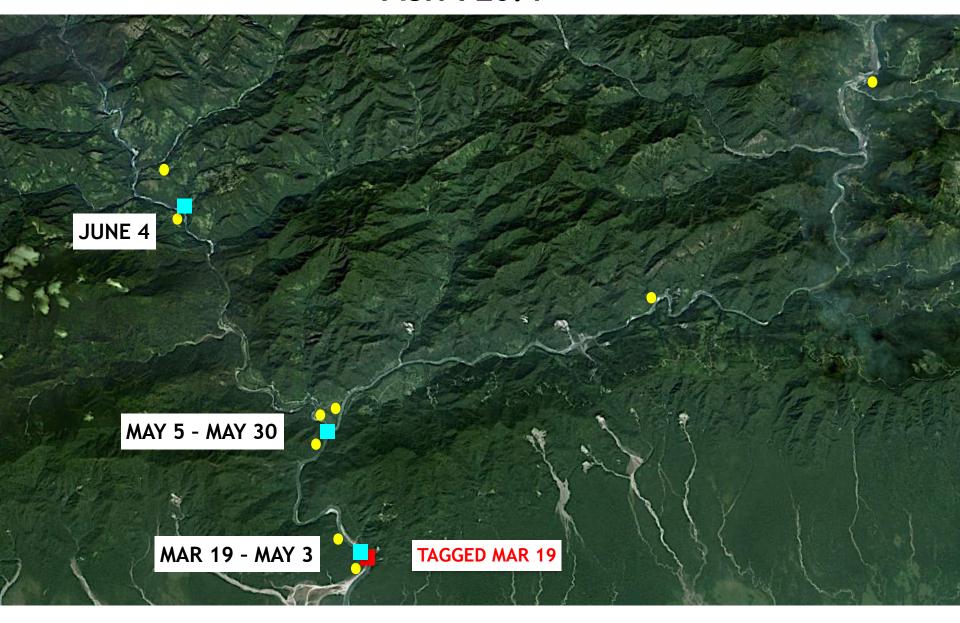
FISH 720.4



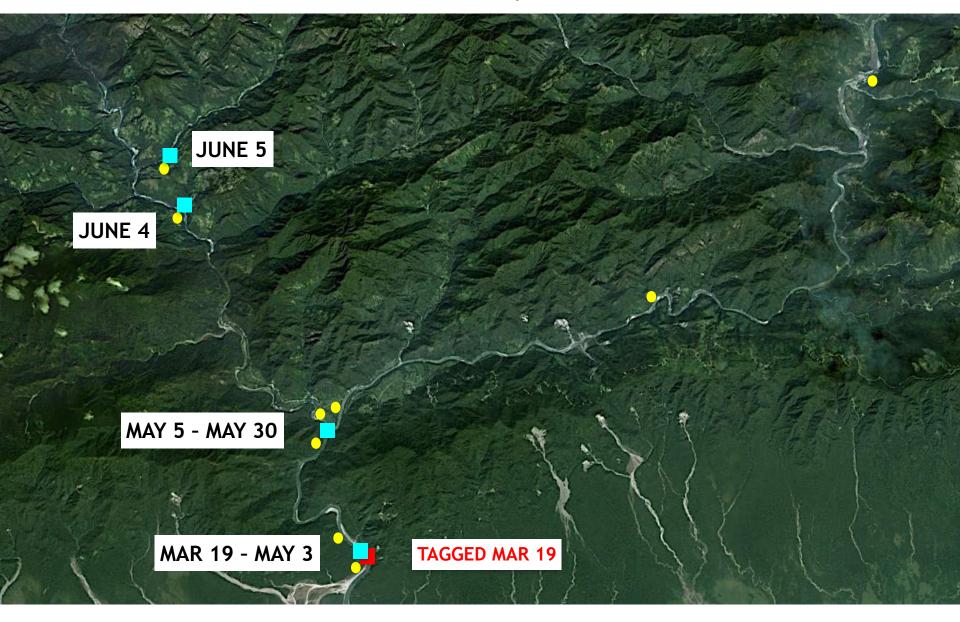
FISH 720.4



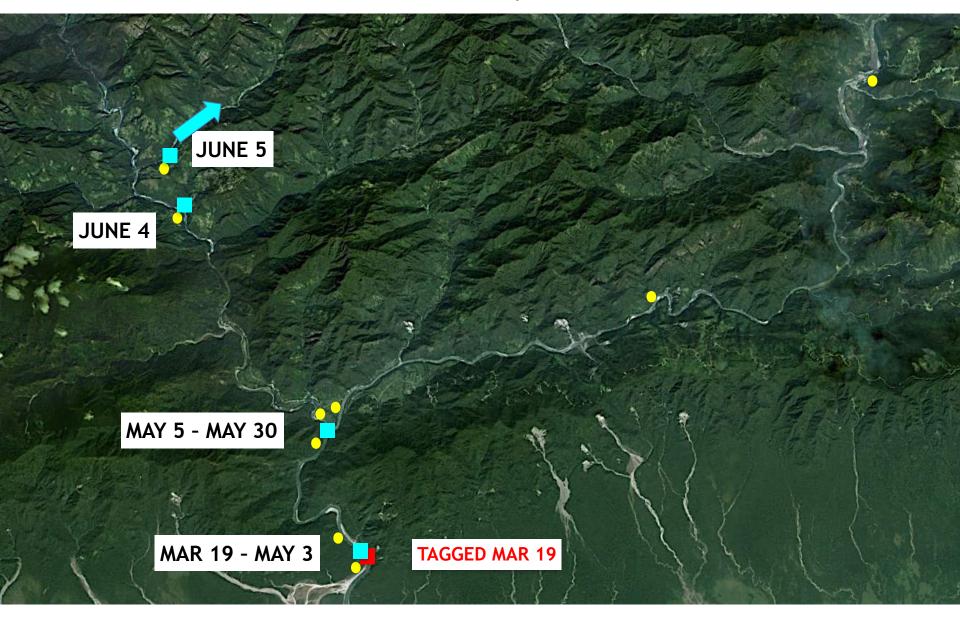
FISH 720.4



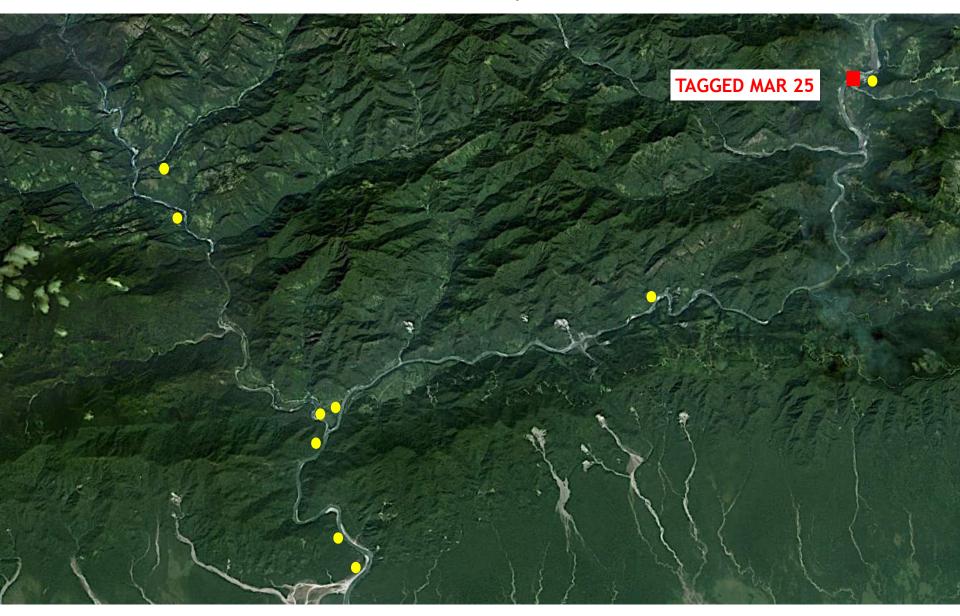
FISH 720.4



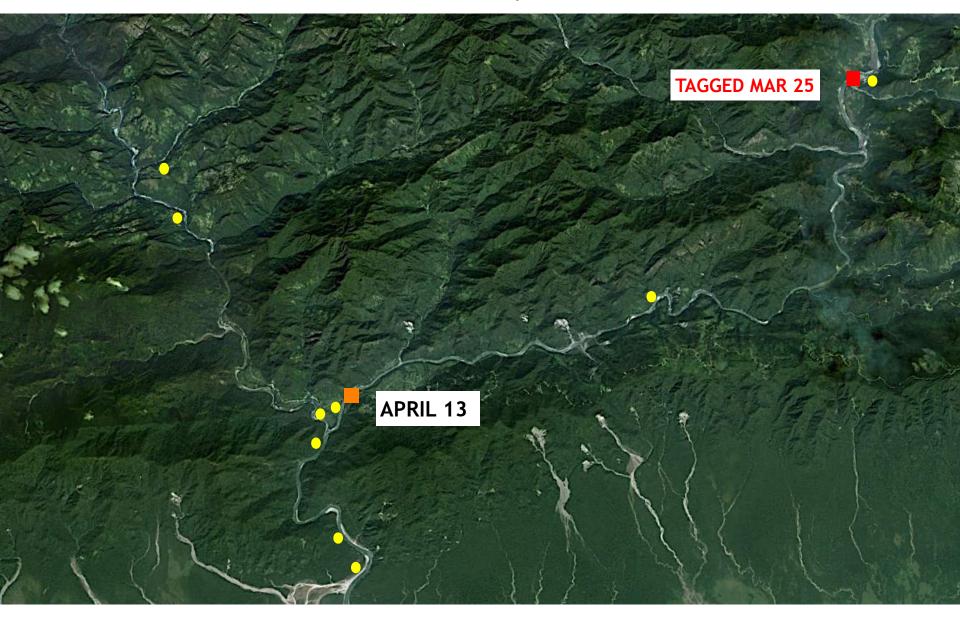
FISH 720.4



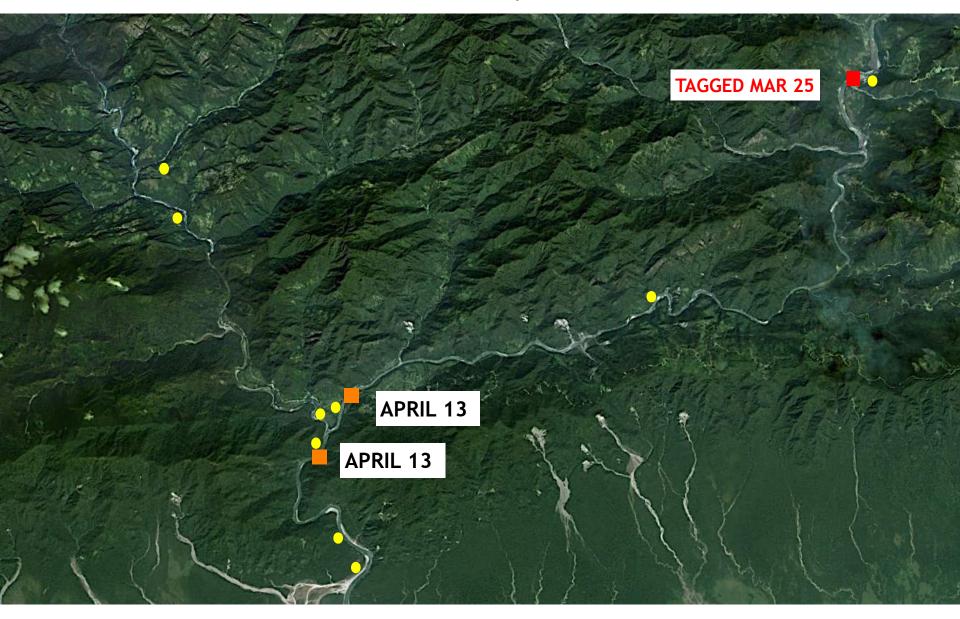
FISH 760.5



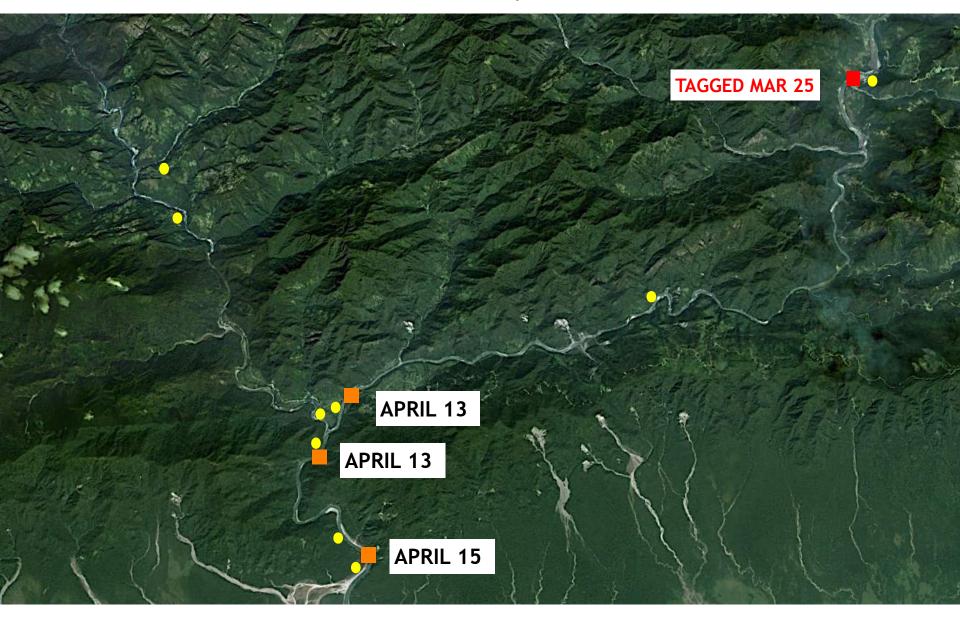
FISH 760.5



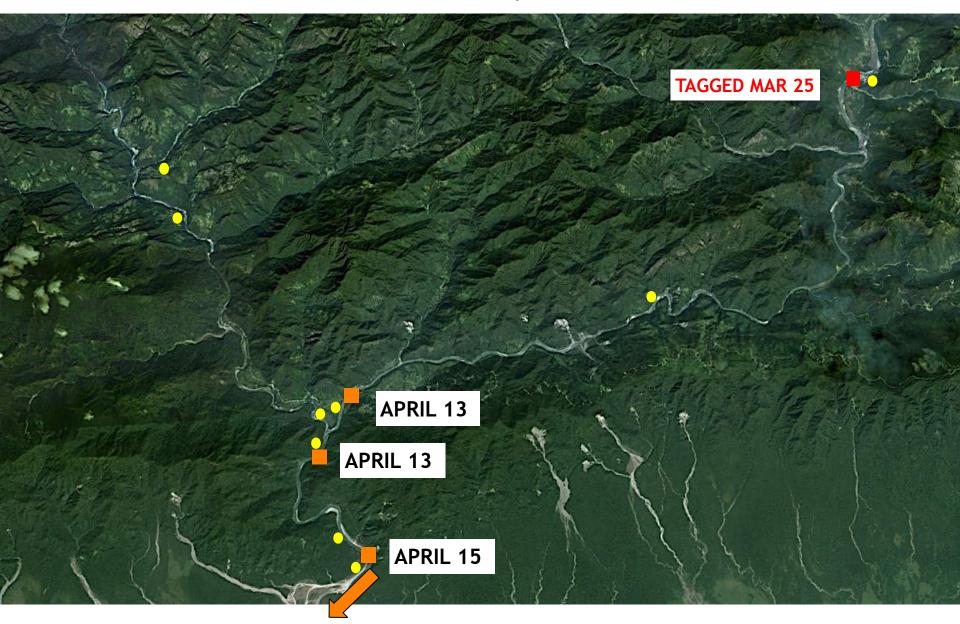
FISH 760.5



FISH 760.5



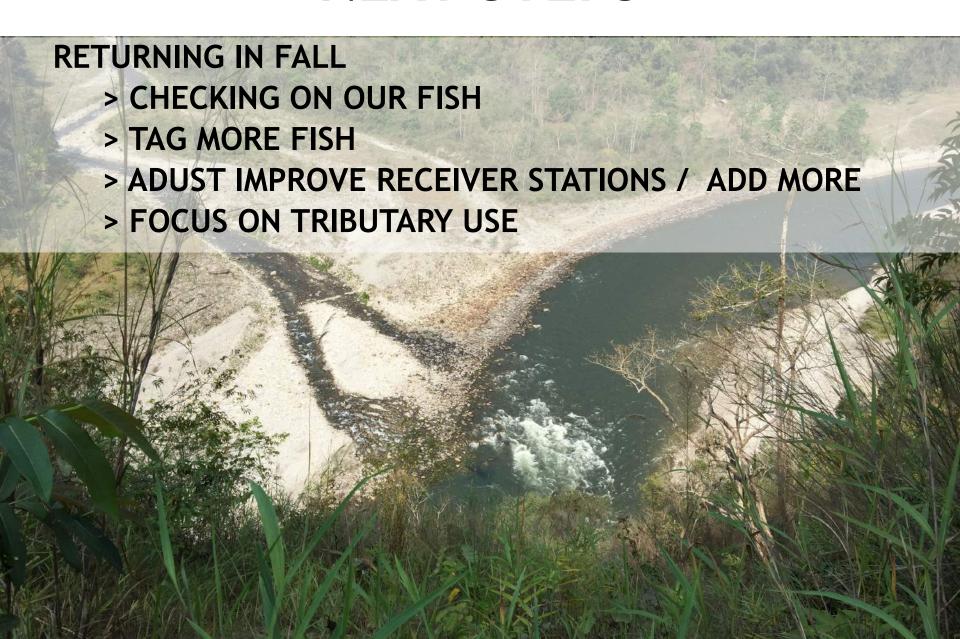
FISH 760.5



NOT BORING...



NEXT STEPS



THANK YOU









www.fishconserve.org







fishconserve

