Wet-Areas Mapping (WAM)

Initiative for Nuble, Chile

using

Digital Elevation Models (12 to 2 m)

to locate

temporary to permanent Flow Channels

Floodplains

Depressions

Contours ...

... done to assess

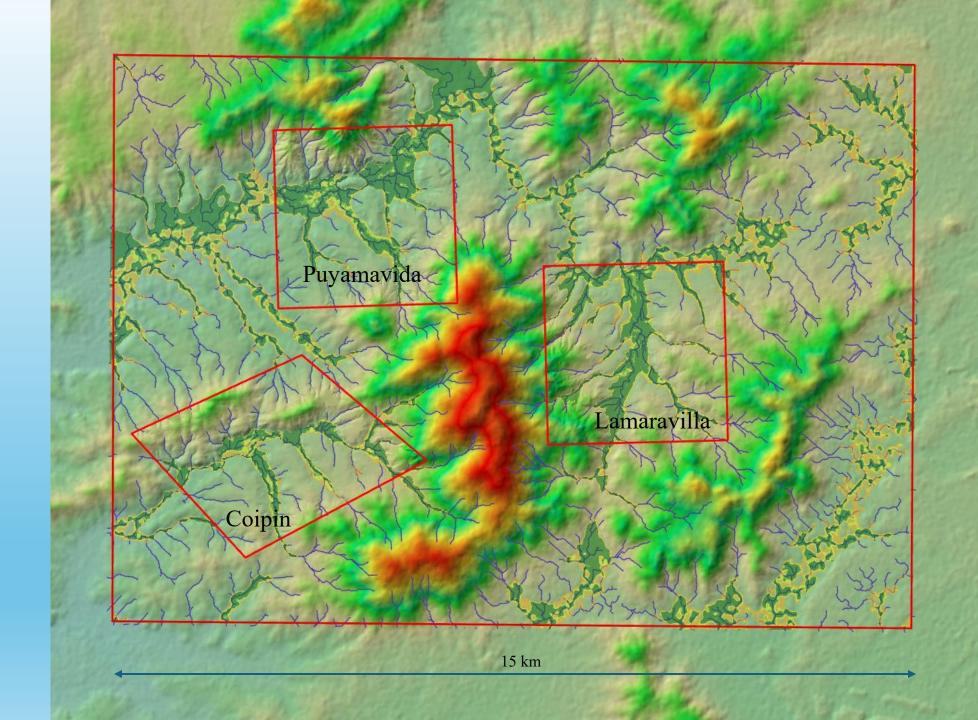
Water Flow Accumulation Impacts &

related Water Harvesting Potentials



Floodplain
Mapping,
0 up to 4 m,
along
flow channels
with > 100 ha
upslope flow
accumulation
areas.

Background:
ESRI
World image
overlaid on
hillshaded DEM

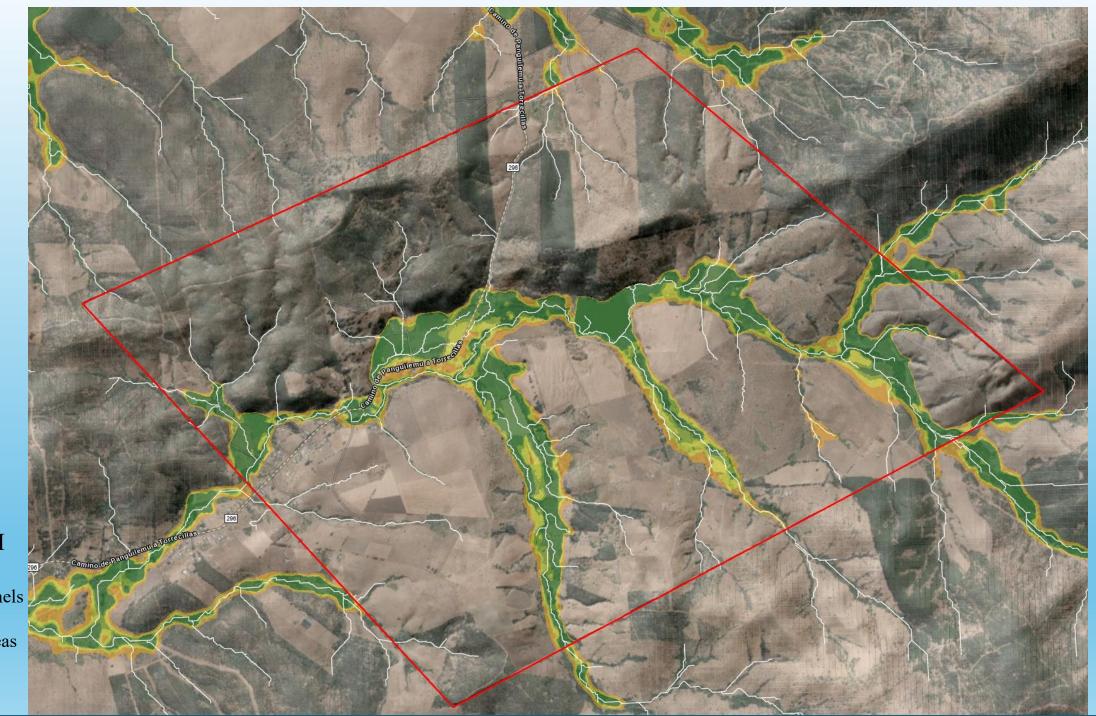


Coipin

Floodplain
Mapping,
up to 0 to 4 m,
along
flow channels
with > 100 ha
upslope flow
accumulation
areas.

Background:
ESRI
World image
overlaid on
hillshaded DEM

White lines: flow channels with > 4 ha upslope flow accumulation areas

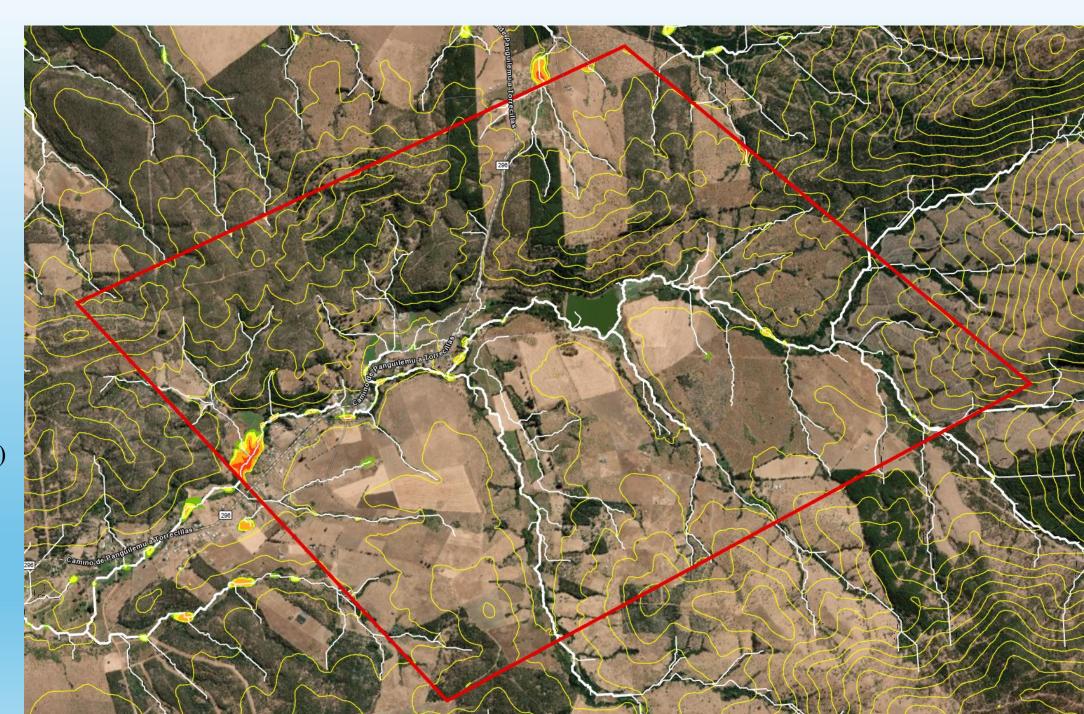


Coipin

20 m contours flow channels with > 4 ha % >100 ha upslope flow accumulation areas

also showing depressions up to 4 m deep (red)

Background: ESRI World image

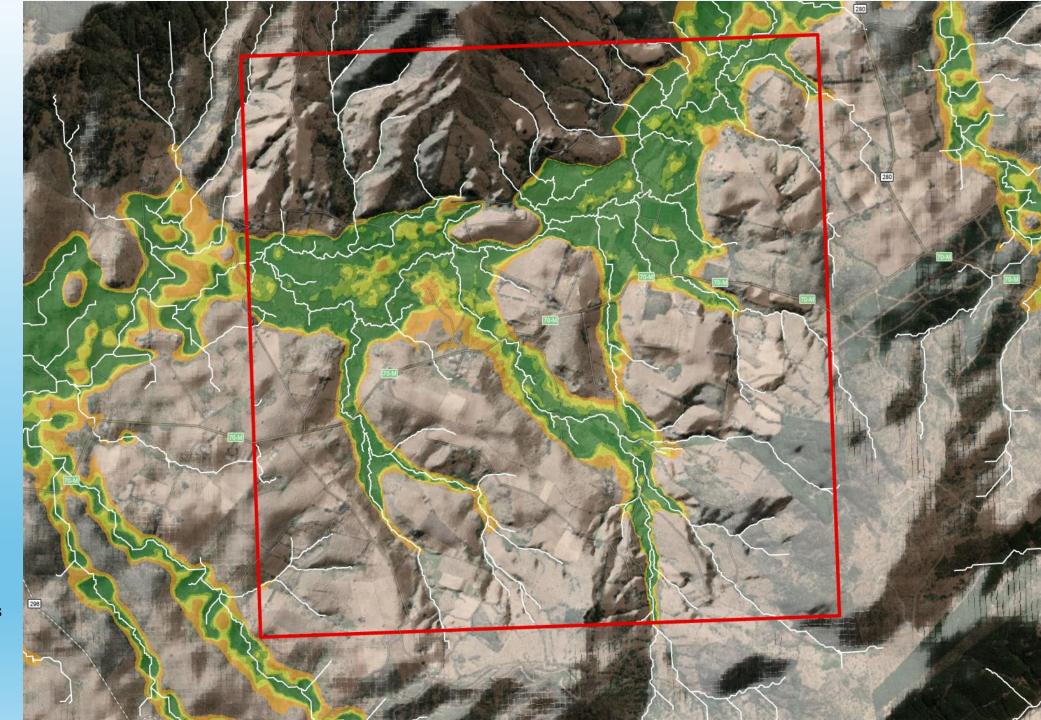


Puyamavida

Floodplain
Mapping,
up to 0 to 4 m,
along
flow channels
with > 100 ha
upslope flow
accumulation
areas.

Background:
ESRI
World image
overlaid on
hillshaded DEM

White lines: flow channels with > 4 ha upslope flow accumulation areas

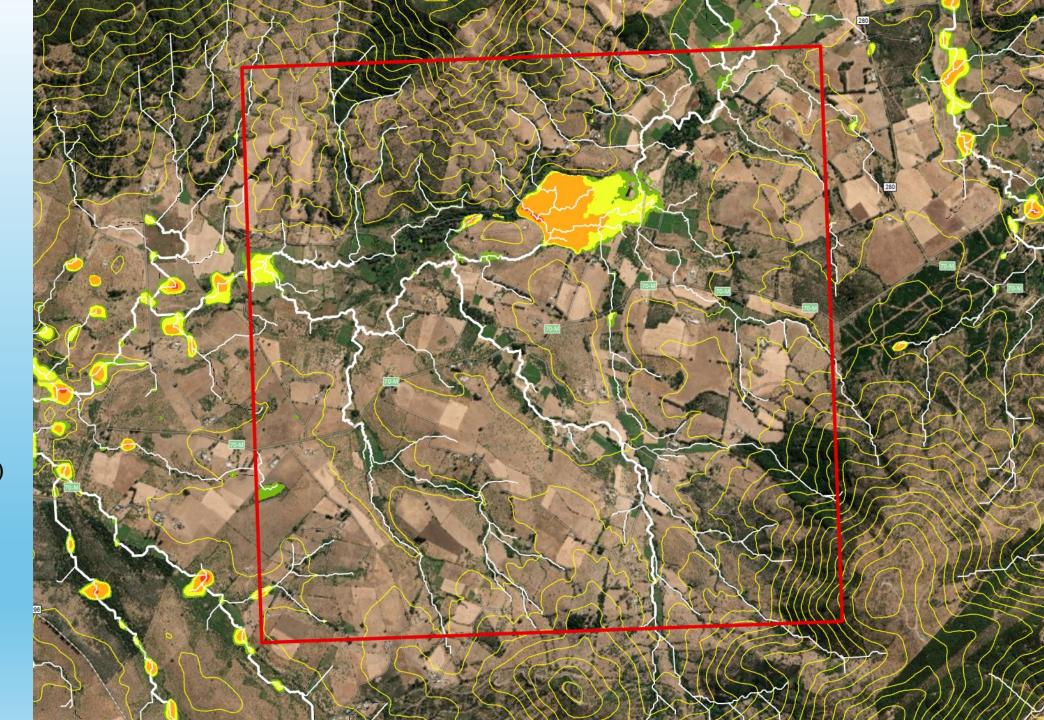


Puyamavida

20 m contours
flow channels
with > 4 ha
%
>100 ha
upslope flow
accumulation
areas

also showing depressions up to 4 m deep (red)

Background: ESRI World image

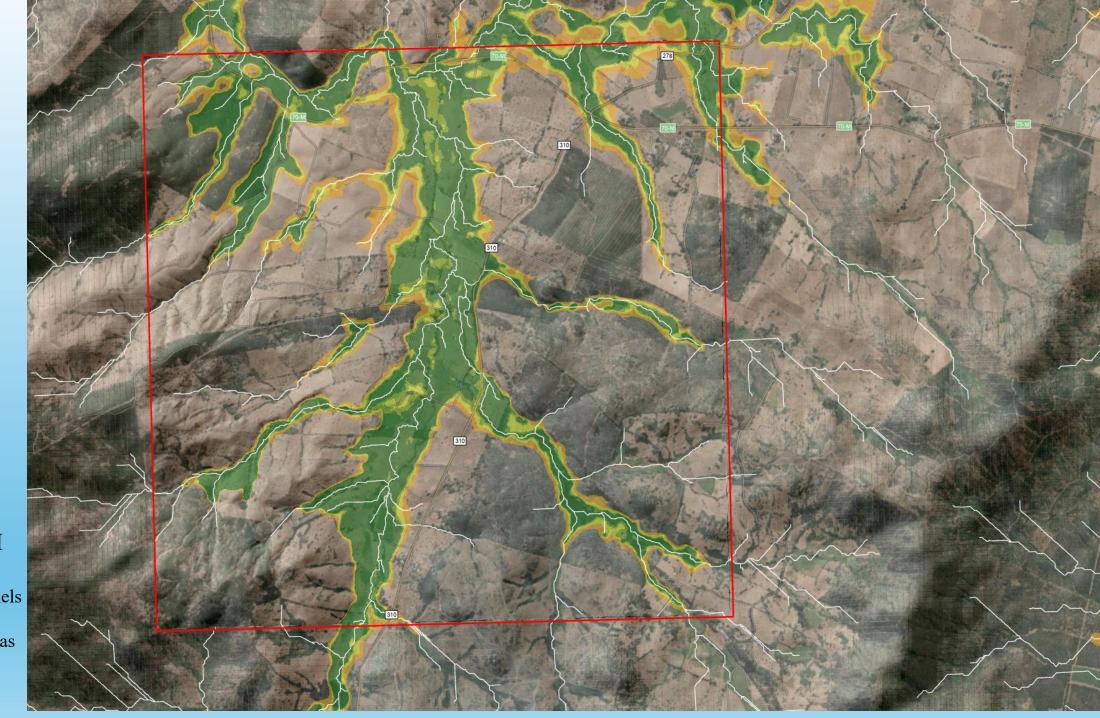


Lamaravilla

Floodplain
Mapping,
up to 0 to 4 m,
along
flow channels
with > 100 ha
upslope flow
accumulation
areas.

Background:
ESRI
World image
overlaid on
hillshaded DEM

White lines: flow channels with > 4 ha upslope flow accumulation areas



Lamaravilla

20 m contours
flow channels
with > 4 ha
&
>100 ha
upslope flow
accumulation
areas

also showing depressions up to 4 m deep (red)

Background: ESRI World image

