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Mountain research: The Andes cryosphere

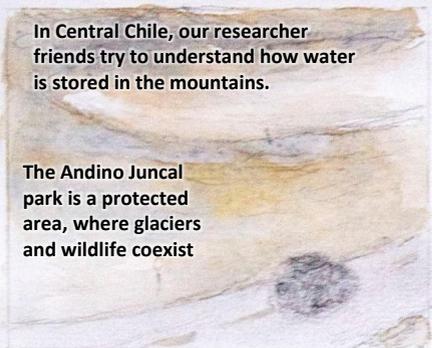


A short watercolor comic. The cover is an adaptation from E. Meier's (DAV, Chile) photograph at the "Andino Juncal" Park during 1951

Watercolor by Sebastián Martínez Fadic
Concept by Sebastián Ruiz-Pereira



The Andes mountains are Water Towers for millions of people. Nevertheless, how these water reservoirs will evolve is an important question yet to be answered.



In Central Chile, our researcher friends try to understand how water is stored in the mountains.

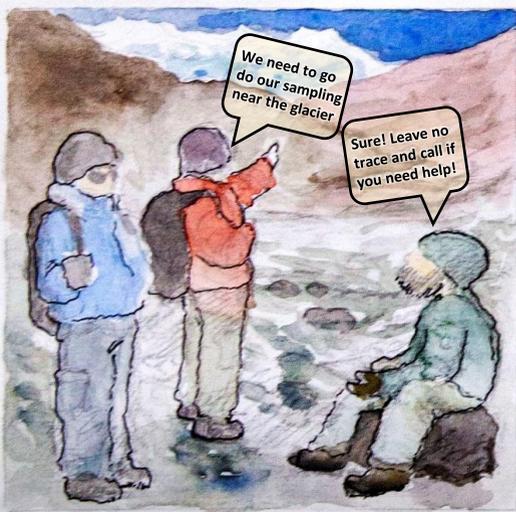
The Andino Juncal park is a protected area, where glaciers and wildlife coexist



A Park with wonderful landscapes...



Hello friends!



We need to go do our sampling near the glacier

Sure! Leave no trace and call if you need help!

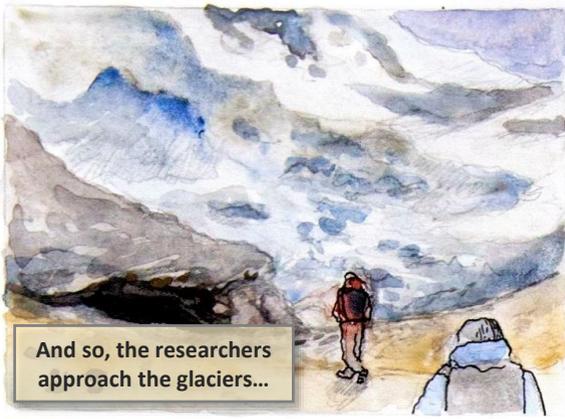


Climbers ahead, let's ask how conditions are up there

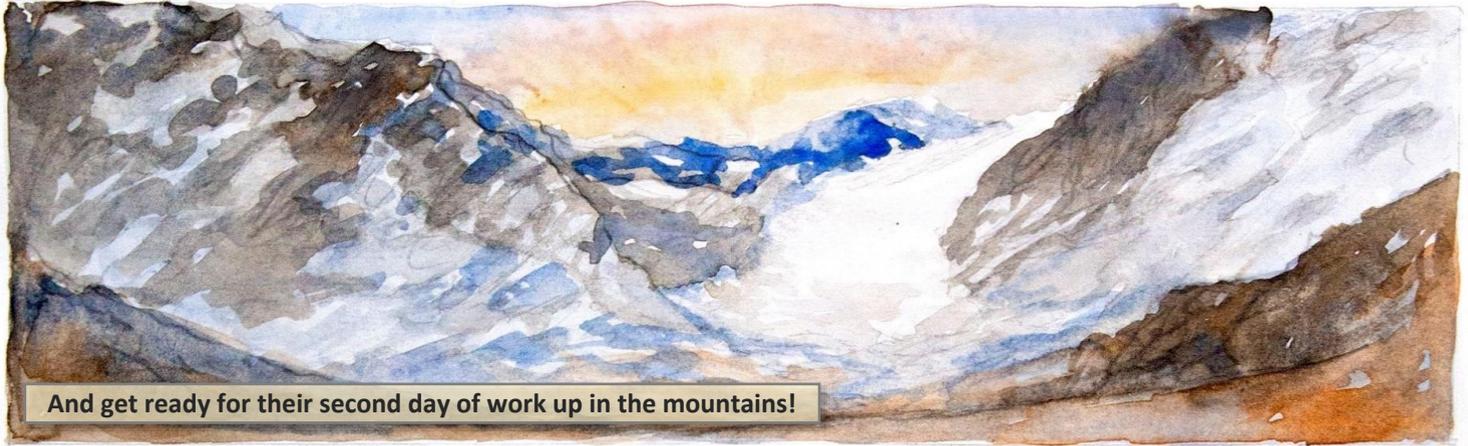


So, all good up there by the glacier?

Yeah, all safe, We saw some friendly pumas!



And so, the researchers approach the glaciers...



And get ready for their second day of work up in the mountains!



Today we meet with the chopper!

And collect water samples and our logger data!

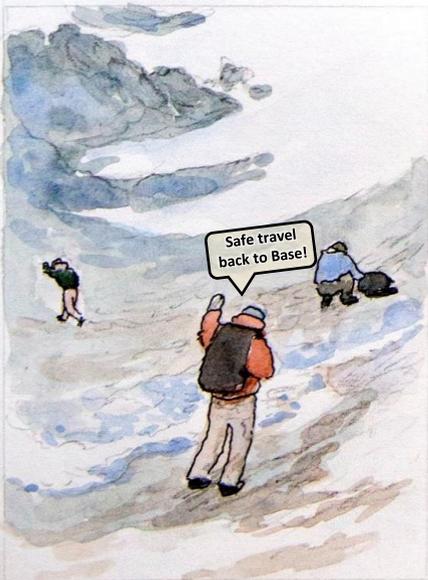


Look! the Park Ranger comes back from the glacier...

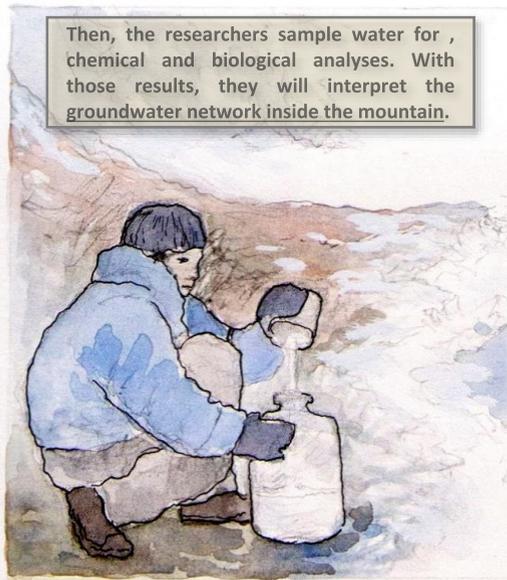


Howdy, nice day huh?!

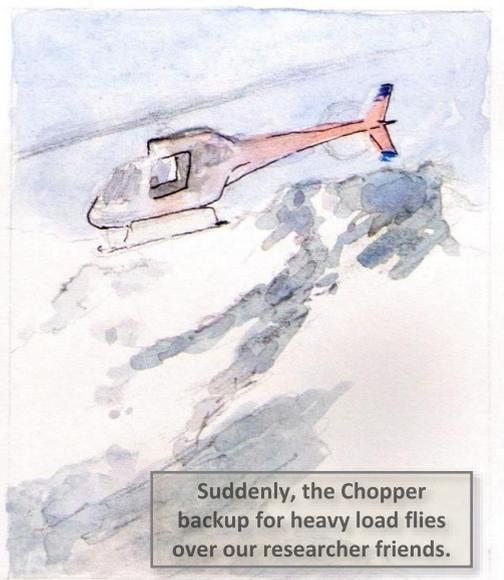
Hey! Please tell the chopper team to fly high... we don't want to scare the animals



Safe travel back to Base!



Then, the researchers sample water for , chemical and biological analyses. With those results, they will interpret the groundwater network inside the mountain.



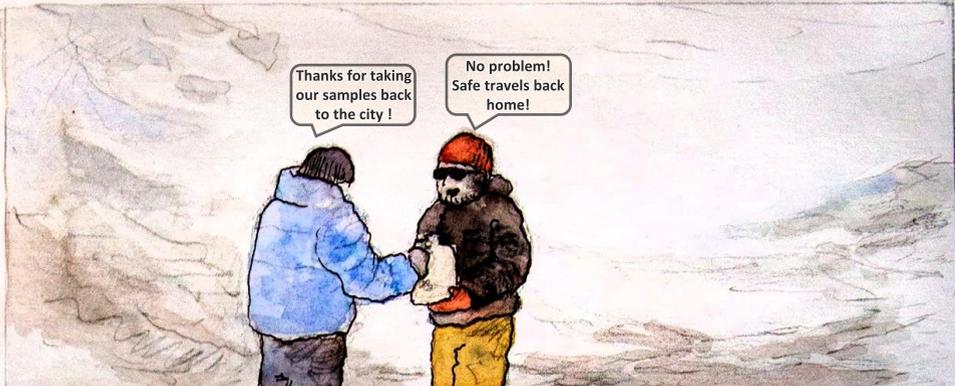
Suddenly, the Chopper backup for heavy load flies over our researcher friends.



and lands on a safe area...

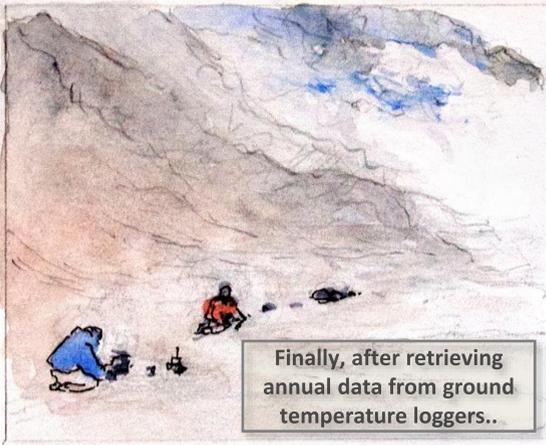


Air support from Government agencies or other Research Projects often work together in remote locations.

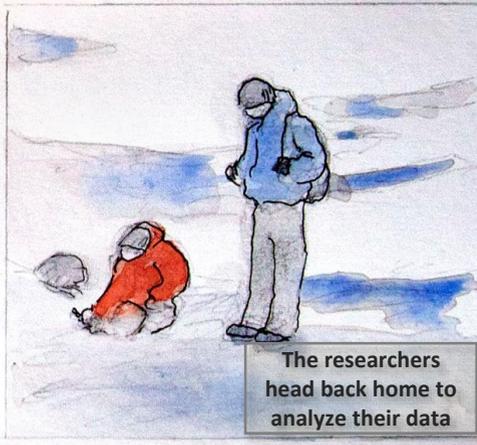


Thanks for taking our samples back to the city !

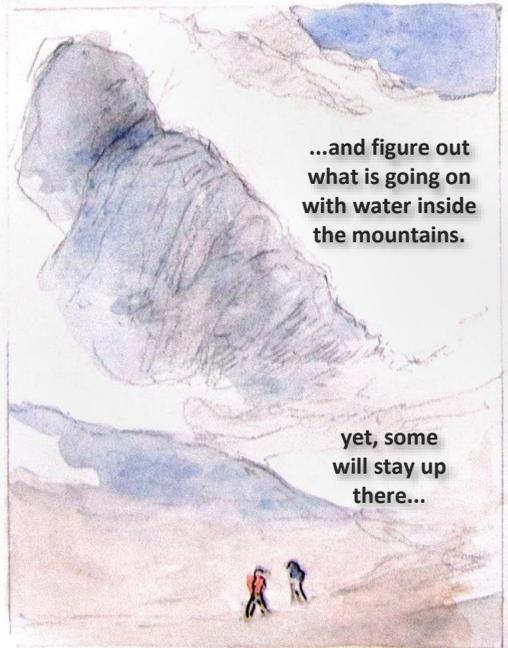
No problem! Safe travels back home!



Finally, after retrieving annual data from ground temperature loggers..



The researchers head back home to analyze their data



...and figure out what is going on with water inside the mountains.

yet, some will stay up there...



forever...

THE END