

Cave Management: Assessment and Implementation at Coronado National Memorial, AZ



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Overview



- **SEAZ Group**
- **Caves and Karst Features**
- **Cave Management Plan**
- **Cave Restoration**
- **Cave Reconnaissance**
- **Conclusion/Future Impacts**
- **Acknowledgements**

SEAZ Group



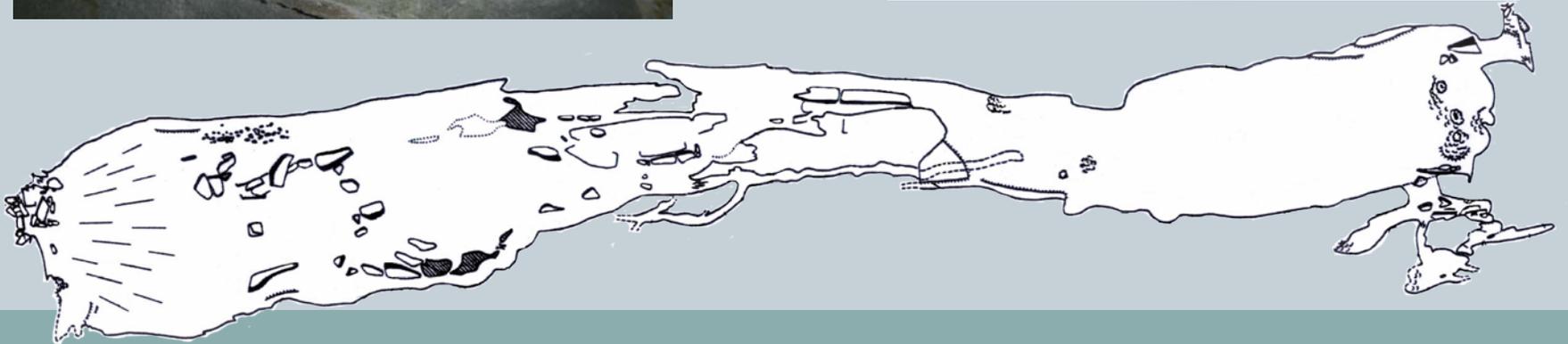
- **CORO, FOBO, CHIR**
- **Conquistadors**
- **“Sky-Islands”**
- **Biological Provinces**
- **Monsoons**



Cave and Karst Features

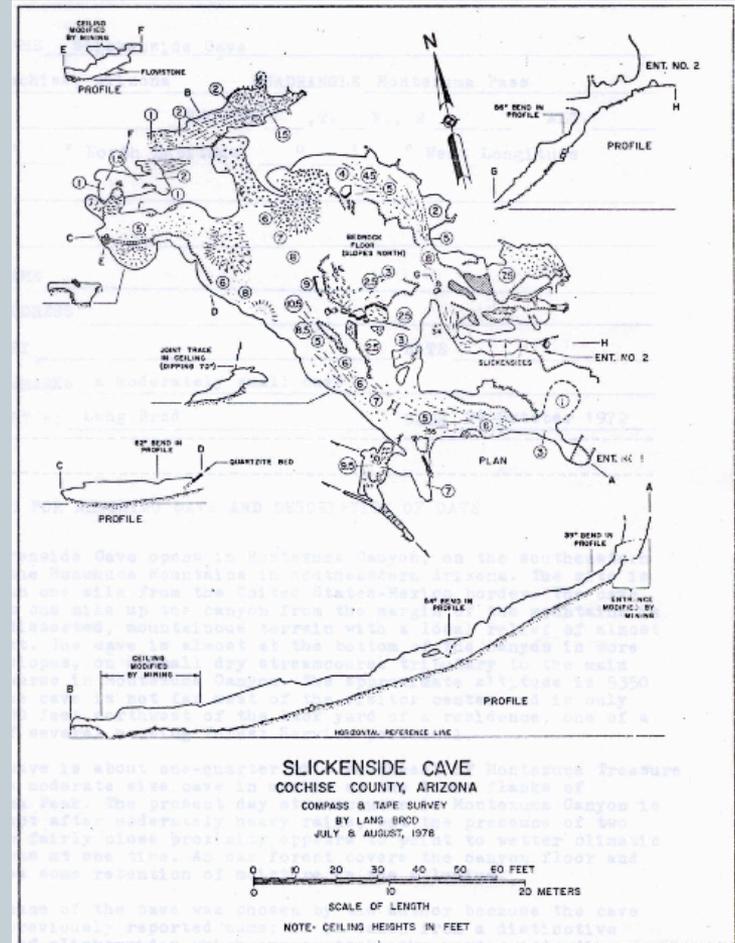


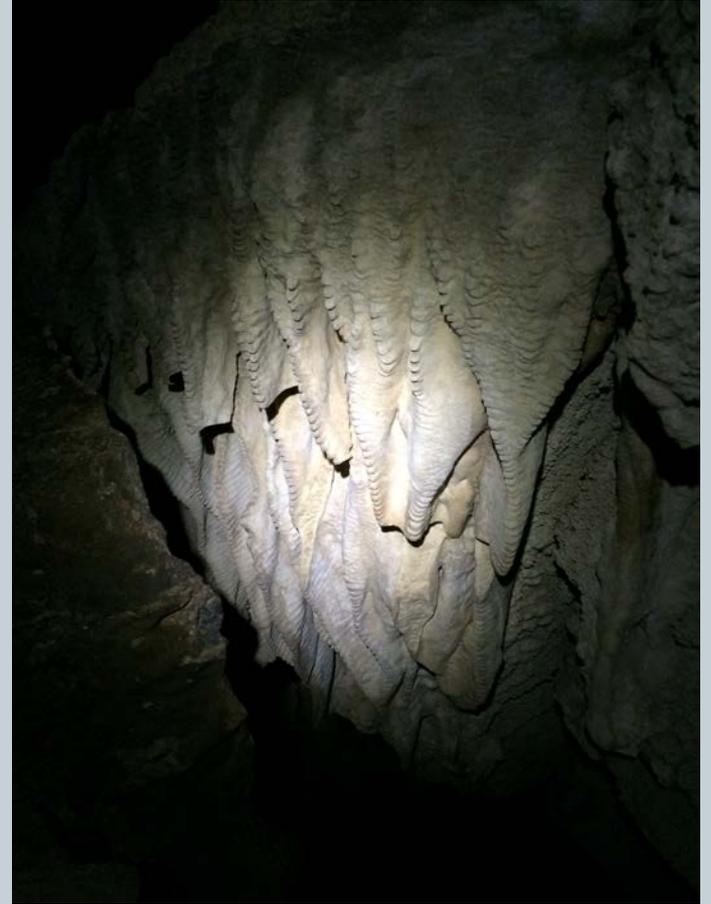
- **Coronado Cave**



Cave and Karst Features

- **Slickenside**
 - speleothems
 - Biology
 - Uses
- **Still**
 - Speleothems
 - Biology
 - Uses
- **Karst Features**





Cave Management Plan



- **Update Plan**
- **What's the need?**
- **Why is it important?**

Cave Restoration



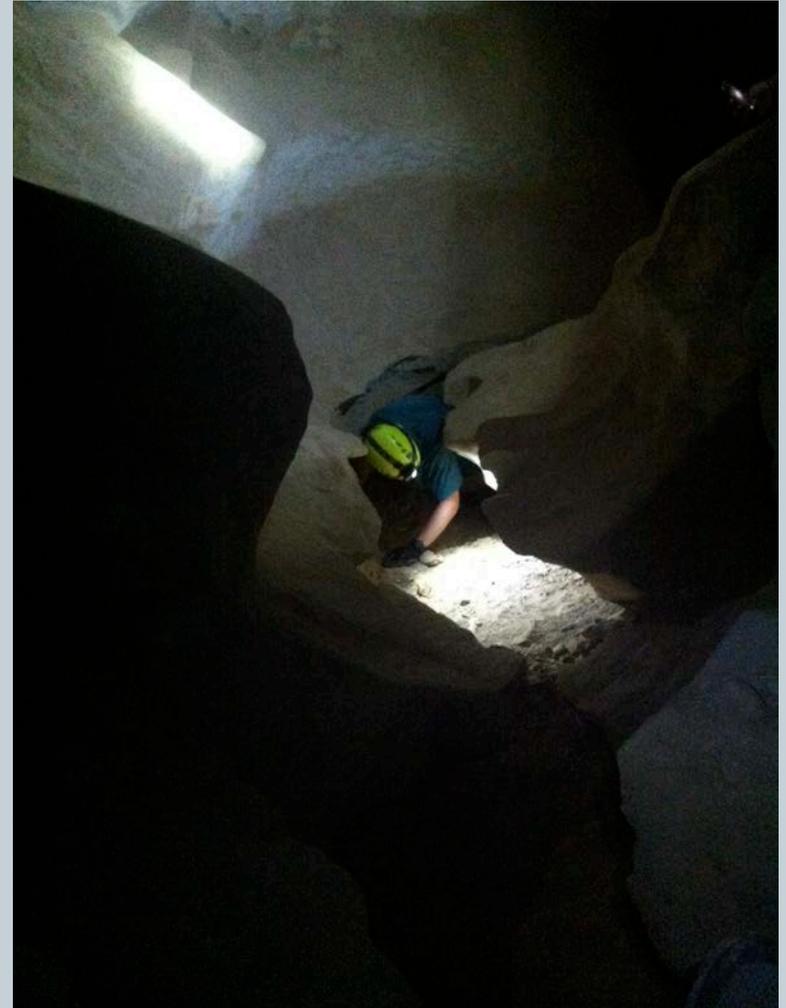
- Address degradation
- Implementation
- Trash Removal
- Graffiti Removal
- Research
- Maps
- Data loggers



Trash Removal



- Lots...of...trash
- Materials
- Methods



Graffiti Removal



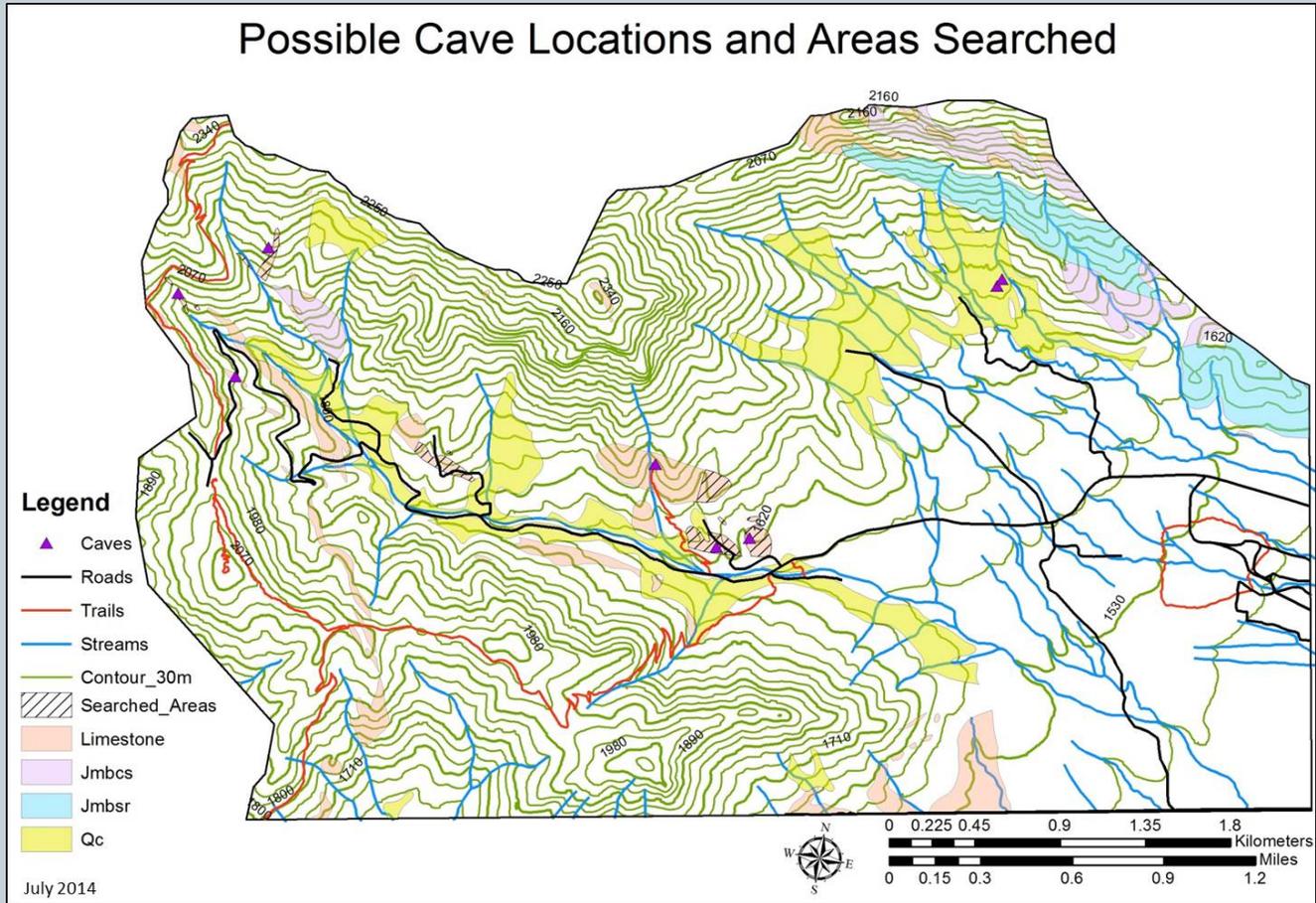
- **Vandalism**
- **Proper Techniques**
- **Materials**
- **Methods**



Cave Reconnaissance



Possible Cave Locations and Areas Searched



Conclusion/Future Impacts



Acknowledgements



- **Cave Kids: Jessica Garcia, Quinn Butler**
- **Supervisor & CORO Biotech, Ryan Janway**
- **CORO Chief of Resource Management, Jason Matalijak**
- **CORO Law Enforcement Rangers**