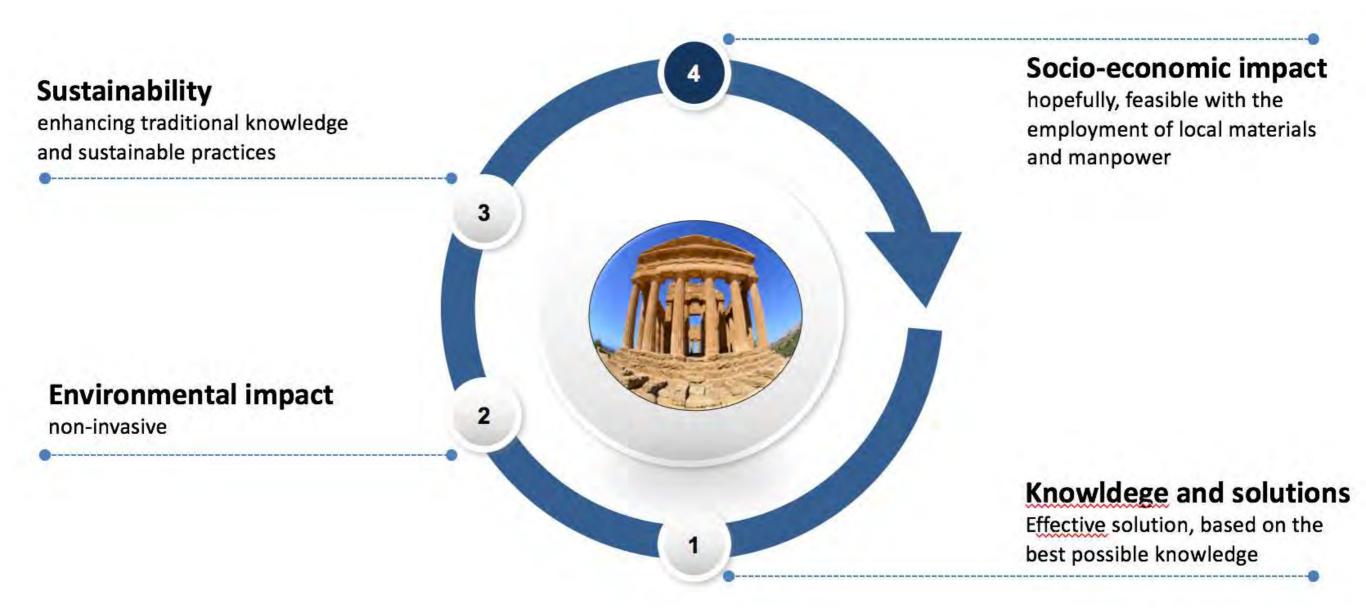
## **Risk mitigation**

**Policies for risk governance Risk management plans** Resilience improvement Early-warning systems **Risk mitigation works** Accountability

Sendai Framework for Disaster Risk Reduction 2015 - 2030



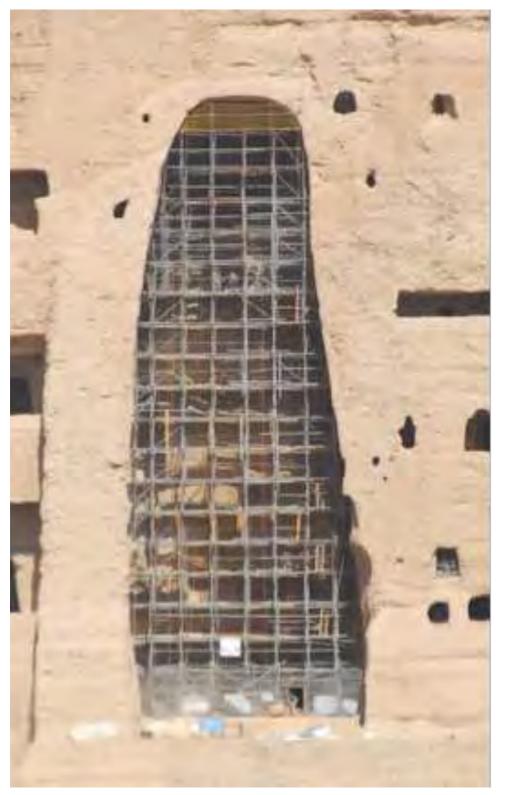
## Policies and management

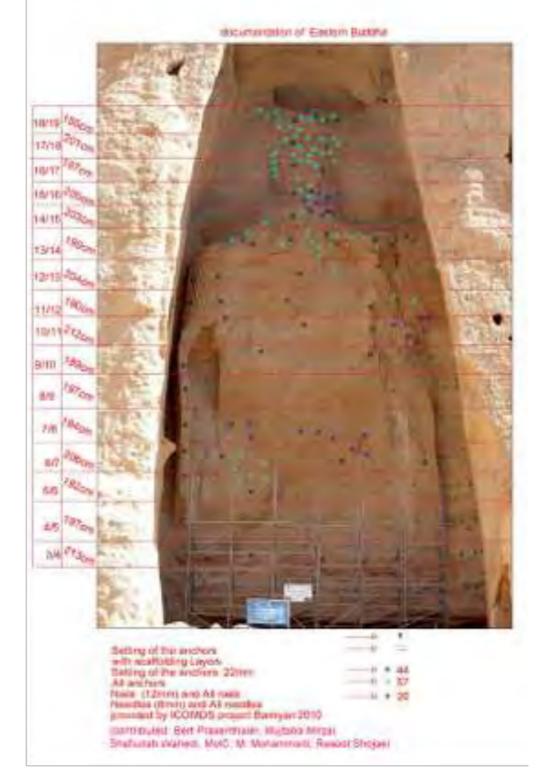


# Key principles

- solve the problem
- preserve the original aspect of the site
- make benefit of local experience,
- maximize the reproducibility, both in time and space, of the adopted techniques in case of further interventions
- involve local community in protection and development of the site

### Cliff stabilization works





#### Bamiyan (Afghanistan)

### Cliff stabilization works









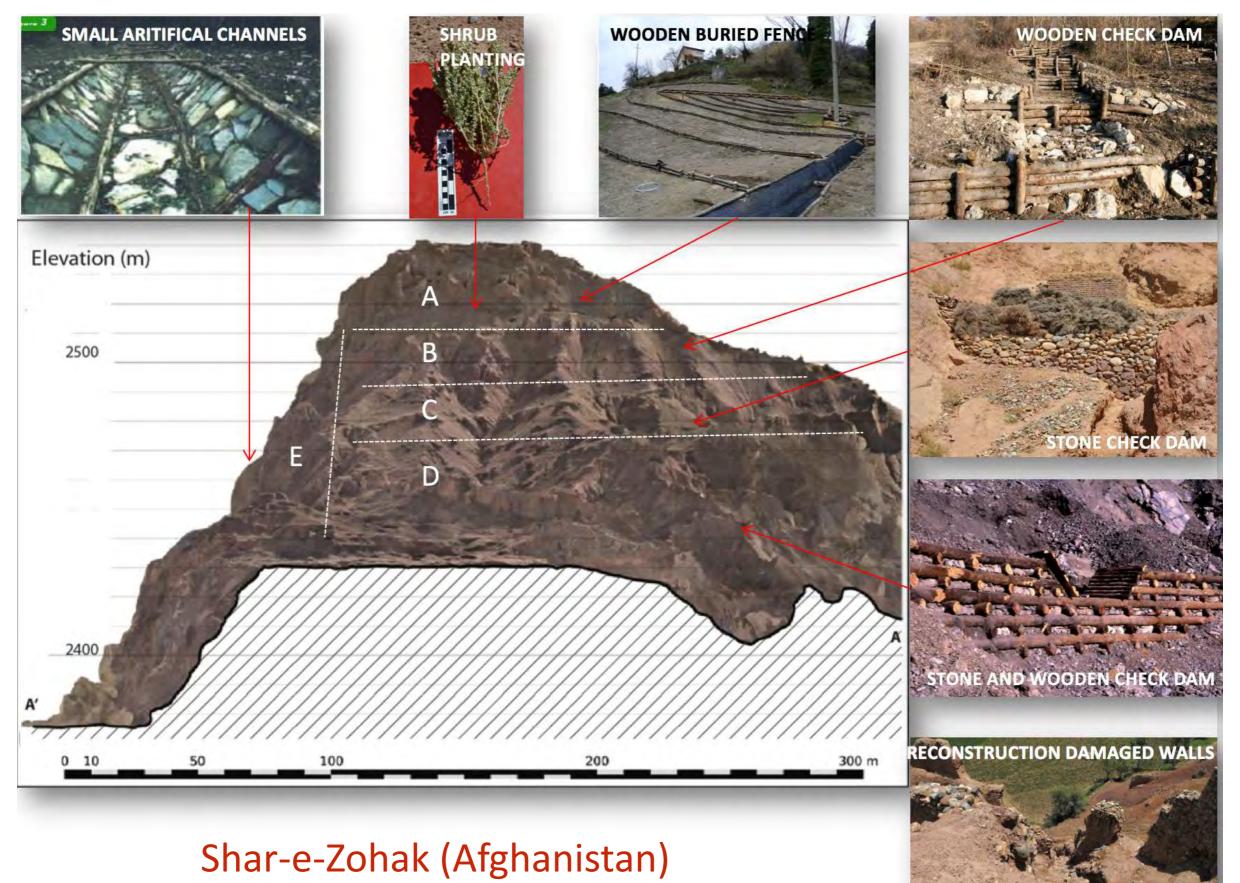
Bamiyan (Afghanistan)

### Protection from erosion

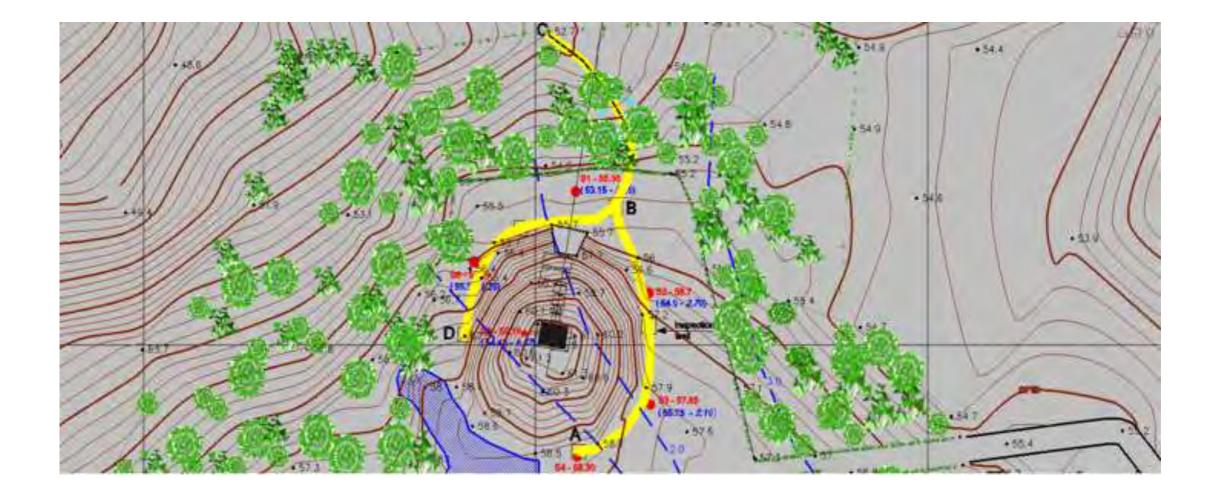


#### Shar-e-Zohak (Afghanistan)

### Protection from erosion



### Drainage



#### Kogurio (North Korea): drainage trench

### Not only with new tachnologies

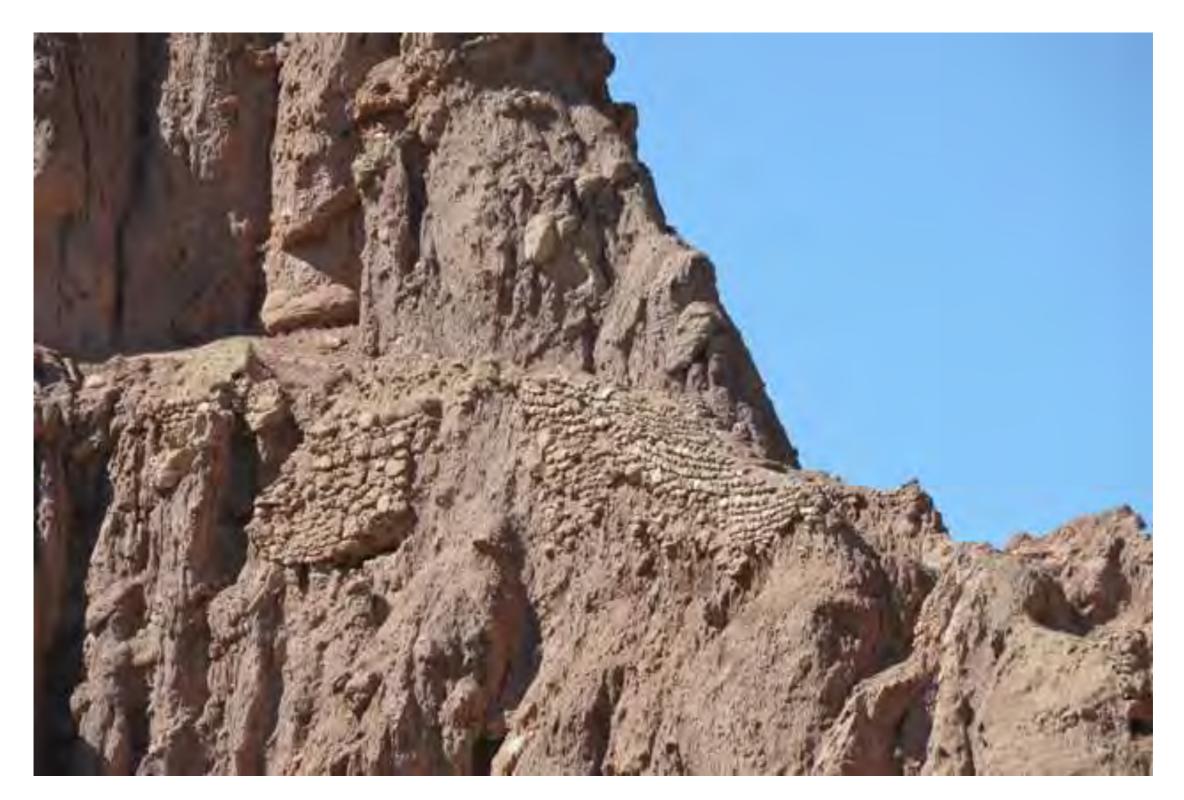
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### Drainage

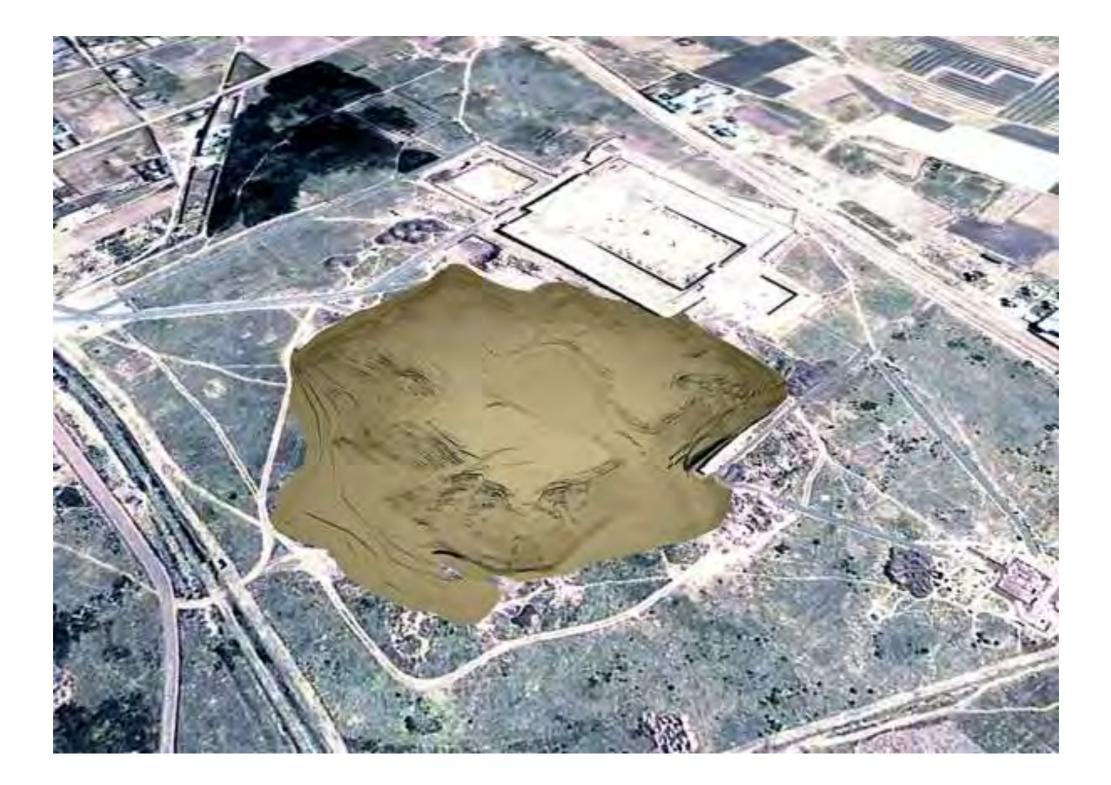


Tools used at site...

#### Kogurio (North Korea): drainage trench



Shar-E-Zohak (Afghanistan)



Tiwanaku (Bolivia): Akapana pyramid



**Penca** (or Penka) is a cactus mucillage. It is mixed with straw and mud for clay stabilization and reinforcement

Tiwanaku (Bolivia): Akapana pyramid



#### Penca treatment

Tiwanaku (Bolivia): Akapana pyramid

### Thank you for your attention and see you soon in Florence

