Construction in Western Nepal and its Repercussions on Health
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INTRODUCTION
- With the instigation of seven provinces in Nepal, development has decentralized.
- Influx of capitalistic ideas into the nation has made profit the most important criteria for development works.
- Construction in western Nepal is no exception!!!
- SPT, BH, MCs and BCs

METHODOLOGY
- SPT Test, Sieve Analysis, Bore Hole logs,
- Soil Classification and Water Content
- For Hydropower Project, Shear failure Criteria, Settlement, Liquefaction and Consolidation is studied

RESULTS AND DISCUSSION
- LCA was not suggested by the contractor
- Consequences of Materials used were found
- Opting for Polymer based cellular confinement systems suggested
- Leaching of metals and toxins is a major environmental hazard.
- IS and ASTM codes are followed yet more can be done.

CONCLUSIONS
- Even though, EIA clearly set by Government, no emphasis on use.
- Environmental, political, social and economic factors as a whole need to be considered.
- Future work on the water content difference, drought and reinforcing new technologies.

REFERENCES
- Research papers (as mentioned in my paper) from Europe, South America, Australia and Asia
- ASTM E 290 – 97a, ASTM D 448 – 98 and IRC 5 2015