



Rogun Hydropower Project Assessment Studies Riparian Consultation and Information Sharing

Key Issues of Participants

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Participants Issues

In consultations, riparians have emphasized the following issues:

Water Management
(incl. climate change)

Dam Safety

**Environmental
Impacts**
(incl. climate change)

**Economics
Alternatives**

**Resettlement
and
Social impacts**

TEAS and ESIA studies are addressing these issues, some in interim reports, some in the draft final report

Analysis of Participants Issues

ISSUE	PREVIOUSLY	TODAY	UNDERWAY
Water management	<ul style="list-style-type: none"> • Overview of Hydrology • Hydrology report • Vakhsh cascade simulations – Methodology and assumptions 		<ul style="list-style-type: none"> • Reservoir operations • Flood management • Impact on river flows • Sedimentation management
Dam safety	<ul style="list-style-type: none"> • Design criteria • Overview of geology, salt dome, dam site • Downstream right bank investigation • Geology assessment • Seismic hazard assessment methodology 	<ul style="list-style-type: none"> • Geological and Geotechnical Investigation of the Salt Wedge in the Dam Foundation and Reservoir (Summary -- Phase 0 of TEAS ToRs) • Assessment of the Existing Rogun HPP Works (Summary -- Phase I of the TEAS ToRs) 	<ul style="list-style-type: none"> • Management of extreme and construction floods • Seismic hazard estimates



Draft Final Phase II TEAS Report
Draft Final ESIA Report

Analysis of Participants Issues (cont'd)

ISSUE	PREVIOUSLY	TODAY	UNDERWAY
Resettlement & Social impacts	<ul style="list-style-type: none"> • Screening report • Cost comparison of resettlement and infrastructure (across various dam heights) 		<ul style="list-style-type: none"> • Social audit • Resettlement Action Plan • Resettlement Policy Framework
Environmental impacts	<ul style="list-style-type: none"> • Screening report • Overview of comparison (across various dam heights) 		<ul style="list-style-type: none"> • Impact assessment • Environmental management plan
Economics			<ul style="list-style-type: none"> • Economic and Financial analysis • Least Cost Generation Expansion Plan
Alternatives (dam height, generation capacity)	<ul style="list-style-type: none"> • Site layouts • Resettlement/Social/Environmental comparison 		<ul style="list-style-type: none"> • Environmental/Social comparison • Techno-Economic comparison



Draft Final Phase II TEAS Report
Draft Final ESIA Report