## Environmental Impact Assessment

1. What is meant by EIA?

And Environmental Impact Assessment is a formed process for identifying likely effects of activities on projects on the Environment, and on human health and welfare. Also, for identifying means and measured to mitigate smonitor these impacts.

And The significance of FIA in the present scenario?

(i) FIA is more than technical reports, it is a means to a larger intention—the protection and improvement on the environment quality of life.

(i) FIA is a procedure to identify and evaluate the effects of activities on the environment-natural and social.

(iii) FIA is not a science but well many sciences in an an integrated inter disciplinary manner evaluating phenomenon and evaluationships as they occur in the real world.

(iv) 81A should not be treated as an appendage, at add on to a project, but be regarded as en integral paset.

of project planning.

(v) FIA doesn't give decision but its findings should be considered in policy and decision-making and should be reflected in final choices.

3. Explain the Key prouse in FIA?

Are. The eight steps of the FIA process are presented below:

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•	Simeoning: First stage of FIA, which devermines whitness the
	the level of assessment sequiord.
•	Scoping: This stays Identifies the Rey 18800 and impails
	Anot should be further investigated. The stage also detine the boundaky and time limit of the study.
•	Impact analysis. This stays of FIA ideaH Fiss and predicts.
	proposed project and evaluates the significance.
•	Mitigethion: This step in EIA recommends the althought
	earsequences of dividopment autinities.
•	REDOLLING : This stage of FIB presents the hourt of FIA
•	in a form of a support to the decision making body
•	Review of FIA: It examined the adequally and effectiveness
	For delistion making,
•	Deusion making: It decides whether the project is rejected,
•	Post monitoring: This stage womes into play and the project
	18 commissional It chelks to easily that that the impacts of

	implementation of the mitigation measures are in the
	morner as described in the FIA report.
Ġ	with down a case study on EIA.
	KOI- Dam Hudro Dower Droiect
4	Type of project:
•	The Icol dom Hydropowed project is a national level
	a Corporation
	un of the dor
	generalism and it will support to 600 mw power
	" Wedien of the project! Kul dom hydropower project 13
	3102115411 +0
•	to 71°23'57" F Sangtitude on satty; Suver, 18 Kms trom
	Bilaspus meen Banmana, Himachal Pozalesh.
	· Des couphion of FIA respont of the Rol-Dam hydropower
	project
	@ Study Area: - Kol-Dam hydropower project 1x located
	154" to 31.05" N
	51" E font longitude on
	in Himachal Paraleth. It wells some ports in mandi
	and Bilaspyr of the stabe.

2 sampling and Data Collection!

The study based upon the prinary primary in formetion collected through field survey by dring proportionate rondom sampling of villages. Multistage simple rondom sampling technique way used to select study area finally. I target villages were selected. I'D'. howehold were selected rondomly in each village and a prested prefested questioner was used as a tool for gathering the information on socio-exonomic aspects like loss of assest; lond holdings; cropping pattern lines. Fock inventory etc.

3) Analytical Framework:

The primary data so collected during study period were checked scrutinized loded, tabulated, malyzed, compiled and presented systematically by using simple tabular method. The secund gresults have been presented by working out simple a overages and percentages depending upon the requirement of the study.

(i) Results and clucultion:

land is the paric scenarie, which can be alwarded

for different form and monon-farm activities for moxi
mization of nowsehold income depending upon its nature

and type land in ventary and its we utilization pattern,

before and after project implementation period in the

sampled household have been analyzed of severalled that

there was a loss of total land holding per family in

range of 33.07 and 64.464. In affected wilages. However in care of untivated land there was a loss in the range of 36.15 to 67.364. In sampled vilages. In case

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Total project implementation periods tehri dom willage kasol 7 and 2000 or word ed 0 350 had accelerated 67:36 to pasture ansa 83.241. 103.24.1. of timber tree population of the Kusal Fallowed by Kyan (44.07.1. allo project in hechare minimum (7.5-11.) undex 300 presoched 3675% ention ution of · Un cultivable Lars of cao b may Garhwal tret in affected villages. It is evident 60% Kyan (44,07:1.), Ropa (31.451.) Hoxa for 1600 he ctone decreased Sas Himal yes postura village Tomthal. 8 compared and ever lost 13 oct 00 of until verble 3. Uttan alengend. by poidmon tro It was work Simil arty to sufer 26 seed and

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## Concludion:

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Stock gaze nos a Pre use in study at 02.00. population like familles agniculture as well as Toon trex P land asso vared gresoved was Favon land trus and in come also of project live

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