MODERNIZATION AND REVITALIZATION OF IRRIGATION
Broad Outline for Case Study / Country Paper
(Guide – ideally about 9-10 pages – max length 14 pages)

1. **Introduction** – Very brief overview (**max 1.5 pages**)
   (a) general country information such as topography, climate, agriculture and water resources development, and
   (b) irrigation and drainage development and achievements in the past

2. **Policy** – This section should briefly describe the (**max 1.5 pages**)
   (a) challenges of food security,
   (b) challenges of water scarcity,
   (c) how irrigation water allocations are being effected,
   (d) what are the shortcomings in irrigation systems,
   (e) what strategies are being adopted, and
   (f) how increasing more crop per drop challenge is being/ proposed to be met.

3. **Approach to modernization** – This section may include (**guide 1-2 pages**)
   (a) details of the approach/ methodology adopted for modernization including
      (i) stakeholders’ consultation,
      (ii) tools used for identification of components for modernization such as rapid appraisal, MAASCOTE, remote sensing and GIS etc.,
   (b) components of modernization including cost estimates, benefits etc. and
   (c) Funding mechanism

4. **Project information** – This section may include (**guide – up to 3 pages**)
   (a) general information on project(s),
   (b) its (their) performance in the past,
   (c) identification of issues/concerns,
   (d) need for modernization of the project(s);
   (e) components of modernization of projects taken up, and
   (f) component details etc.

5. **Implementation of modernization proposal** – This section may include (**Max 1.5 pages**)
   (a) how modernization proposal was implemented,
   (b) monitoring of project implementation,
   (c) contribution from beneficiaries,
   (d) how the need for new technology (if deployed) is being addressed.

6. **Lessons learnt including benefits from modernization** – This section may summarize (**Max 2 pages**)
   (a) bottlenecks/issues/concerns faced during implementation,
   (b) how these were overcome,
   (c) lessons learnt from modernization process,
   (d) impact and outcome of modernization of project etc.

7. **Way forward** – This section may provide (**Max 3 pages**)
   (a) summary and conclusions,
   (b) recommendations for future modernization plans,
   (c) roadmap for modernization of irrigation development in the country etc.
   (d) Funding required
   (e) Possible funding mechanism

References, maps, tables (as needed)