The Development of Urban Sustainability Assessment Framework for Iraq

**Research Problem**
There is a need to develop a local framework to assess the sustainability of new urban design projects, considering environmental, social, and economic aspects, in addition to promoting awareness and stakeholder participation.

**Research Aim**
Developing a comprehensive local framework to assess the sustainability of urban design projects in Iraq, in order to tackle the local urban circumstances and challenges.

**The Methodology**
1. The state of the art review
   - Existing Global Assessment Tools
   - Key Sustainability Indicators of Iraq
2. Engage with stakeholders
   - Public and Professionals
   - Governmental leaders
3. Suggested Indicators paradigm
   - Common & local indicators of urban design
4. Identifying the urban indicators
5. Determine the importance and weighting values of indicators
   - Analytic Hierarchy Process (AHP)
6. Urban sustainability assessment Framework for Iraqi
   - Divergence and convergence with global tools
7. Verification
   - Case studies

**Global Urban Sustainability Assessment Tools**
- BREEAM
- LEED-ND
- PEARLS CO.
- GSAS/QSAS

**Local Sustainability Assessment Framework**
The most prominent changes in Iraq after 2003
- Increasing population
- Demand for new housing
- New phase of economic recovery and the oil boom
- Reconstruction and rehabilitation of cities
- Planning new urban areas and projects

**Iraq Urban Sustainability Assessment Framework**

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