

## Pengembangan kriteria rancangan hidrolika sub-unit irigasi tetes pada jaringan irigasi airtanah dangkal (Development of drip irrigation sub-unit hydraulics criteria within within shallow groundwater irrigation schemes)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=129883&lokasi=lokal>

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### Abstrak

The technical performance of shallow groundwater irrigation schemes (SGWIS) might be able to be increased, either by improvement of pump operation management, improvement of the conveyance system, or improvement in the technology of irrigation application. The objective of this research is to develop sub-unit hydraulics criteria for designing drip irrigation within SGWIS that can ensure a high level of irrigation efficiency. The sub-unit hydraulics design criteria of drip irrigation have been developed in form of table, nomogram, as well as computer program, with parameters of diameter and length of manifold and lateral pipelines....