Managed Aquifer Storage and Recovery in Coastal Louisiana
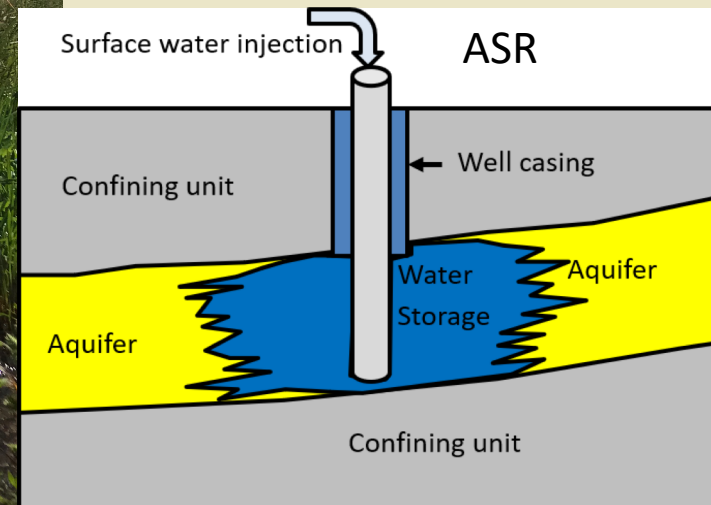

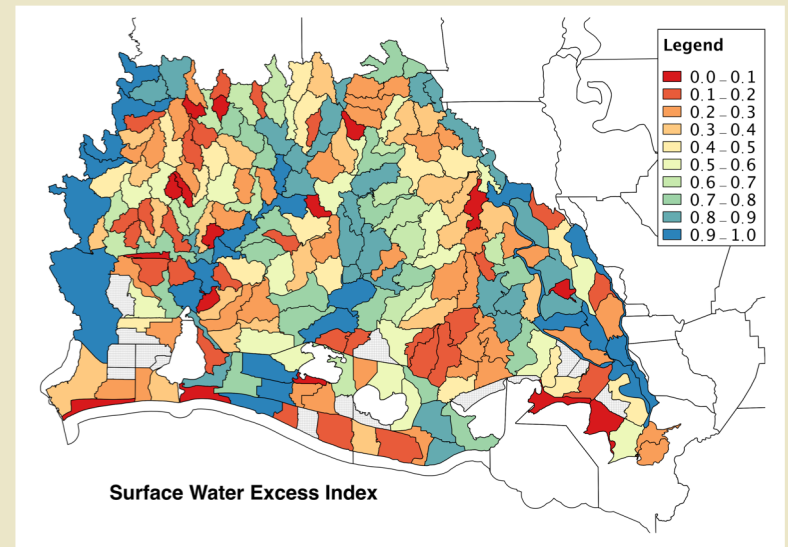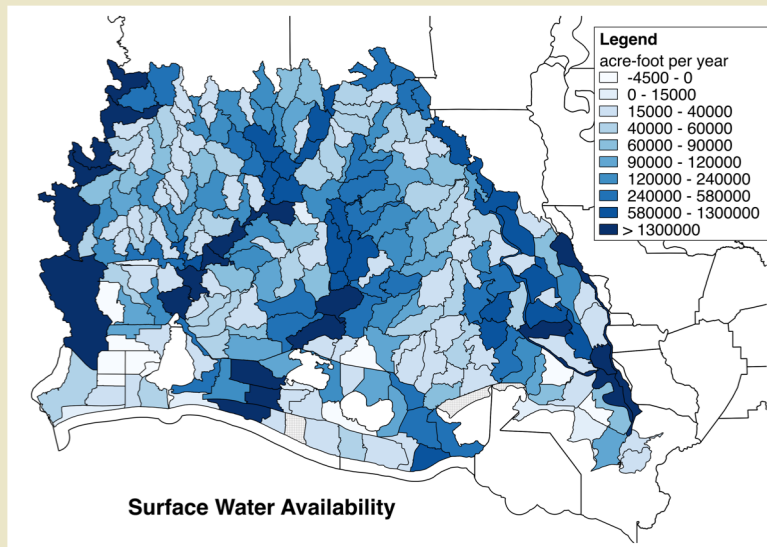| Criteria Focus Areas |
| --- |
| Aquifer Characteristics |
| Water Availability |
| Water Quality |
| Land Use |

ASR

Surface water injection

Confining unit

Well casing

Aquifer

Water Storage

Aquifer

Confining unit

Surface Water Availability

Surface Water Excess Index

ASR Suitability Score: $X_{SW} * X_{ZT} * X_{SQ} * X_{CC} * (\omega_{DS}X_{DS} + \omega_{SO}X_{SO} + \omega_{GW}X_{GW} + \omega_{HG}X_{HG} + \omega_{TM}X_{TM} + \omega_{GQ}X_{GQ} + \omega_{DL}X_{DL} + \omega_{WD}X_{WD})$

Empirical CDF

ASR Site Suitability