

LLM-BSC Phase I  
AG Workgroup Meeting  
February 24, 2021

Attendees:

1. Christopher Fuller-RATES
2. Ahmed Mahmoud-UTRGV
3. Jessica Johnstone-TCEQ
4. Abdoull Oubeidillah-UTRGV
5. Benjamin Worsham-Cameron County Engineer
6. Brian Koch- TSSWCB, regional watershed coordinator
7. David Garza - Cameron County Commissioner
8. Jessica Johnstone-TCEQ PM for both phases
9. Jungseok Ho-UTRGV
10. Linda Navaro- UTRGV
11. Augusto Sanchez- Natural Resources Director-Cameron County
12. Ronnie Ramirez-TSSWCB-CoHarlingen
13. Mellisa Gonzales- City of Alamo
14. Raul Gomez-Cameron County
15. Kim Jones-TAMUK
16. Joe Hinojosa- Irrigation District and Task force
17. Ivan Santos- UTRGV
18. Crystal Gonzalez-Transportation Planner, Cameron County
19. Adonica Delos Santos
20. Andy Ernest- UTRGV

Introductions:

Agenda

Andy Ernest - Modeling Approach Presented- SELECT and LDCs

Proposed steering committee meeting: date to be approved by TCEQ, tentatively scheduled for March 17

Ahmed Mahmoud - LLMBSC subbasins and land cover (NLCD 2011 data) from the watershed characterization report in 2018

Ahmed Mahmoud - LLMBSC land cover for each subbasins (NLCD 2016 data), Texas Land Application Permit (TALP) and non-point source pollution.

Andy Ernest - Modeling assumptions for crop production (type, frequency and change in land distribution between 2011 and 2016) and animal farming operations (types of animals).

Brian Koch- recommends adaptive management practices. Requires some periodic ground truthing. Recommends not relying on GoogleEarth.

Andy Ernest-FIF project will involve some ground truth to validate existing data sets. I.e. will provide an instrument to update land use data.

Augusto Sanchez- Suggest contacting counties, commissioner courts regarding recent and planned developments (i.e. land use changes).

Andy Ernest- suggest RWRAC expansion to include water quality

Brian Koch- TSSWC animal feeding facilities- check the TCEQ, Check with Ag Extension for fertilizer application rates. Look at tillage- Also check with irrigation district regarding irrigation water use rates. There might be some differences between irrigated and non-irrigated lands. Water Quality Management Plan and Water Quantity- TSSWCB have water quality management plans in place site specific plans for farmers supported by the state to enhance the water quality standards. Look at Natural Resources Conservation Services USDA. Check regarding water quality plans.

Andy Suggested that Ronnie Ramirez participate in work group functions

Reminded participants about Steering Committee meeting.

Meeting Adjourned: 12:51