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Sent: Monday, May 8, 2023 5:34 PM

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Subject: Subsidence

Edmund-

I have just read the ISB work on subsidence and wanted to alert you to what may be an important qualification seemingly not addressed directly.

Many portions of the Delta originally primarily peat have already lost most of the organic matter in their soils and are no longer emitting high levels of GHG under dry farming practices or sub irrigation.

I believe this is reflected in Deverel's calculations of potential GHG avoidance in areas he has investigated.

The most recent soil maps I have seen suggest that perhaps only 100,000-150,000 acres in the Delta are characterized as organic soils.

The other side of the coin is that tree and vine farming has greatly expanded on the higher grounds in the Delta which should be resulting in significant carbon capture.

Thus what has been a major problem, characterized by deep subsidence in many areas, may be correcting itself. This is not to diminish the importance of actions that may be taken to control GHG emissions and subsidence in the remaining organic soil areas.

Please check this out with your experts on the subject, which I am clearly not.

Thanks-

Tom