R. Aller et al., 2024, Biogeochemical plumbing of pioneer mangrove intertidal flats in French Guiana. Regional Environmental Change.

Supplement 1.

A.

Aggregation of burrow apertures around filled tidal pool.

B.

Rhizon sampling of filled burrow

C.

Exposed tidal pool with adjacent large burrows and microphytobenthic mat before desiccation.

D.

Tidal pools can merge and intersect drainage channels (arrow). Note desiccation gradient left to right.

Supplement 1.

E.

Pool with burrows concentrated at bottom rather than circumference. Note desiccating algal mat.

F.

Colonizing mangrove within mud crack at side of drainage channel. Note gradient into evaporite precipitates.

G.

Seaward view from pioneering mangrove area illustrating tidal drainage channels.

H.

Sampling drained pool adjacent to channel (FG 2015, data Fig. 6).

Supplement 1.

I.

Shoreward view of juvenile mangrove stand illustrating drained pools with basal microphytobenthos and surrounded by desiccated mudflat deposits before flood.