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## Supplementary Materials

**Table S1.** Dates of satellite images used for tidal creek extraction with corresponding Landsat sensor.

<b>1985</b>	<b>1990</b>	<b>1995</b>	<b>2000</b>	<b>2005</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>
<b>TM</b>	<b>TM</b>	<b>TM</b>	<b>TM</b>	<b>TM</b>	<b>TM</b>	<b>OLI</b>	<b>OLI</b>
03/14	03/12	02/06	03/07	03/05	05/06	02/13	03/14
05/01	05/15	03/10	04/08	04/22	06/07	03/01	03/30
08/05	06/16	03/26	06/11	05/24	09/11	05/04	04/15
11/25		09/18	10/17	10/15	10/13	05/20	05/01
		10/04	11/02	10/31	10/29	06/06	05/17
		11/05	12/20	11/16	12/16	10/11	09/06
		11/21				10/27	09/22
		12/23					10/24

TM is short for Thematic Mapper that is the sensor carried by Landsat 4 and 5. OLI is short for Operational Land Imager that is the sensor carried by Landsat 8.