SUPPLEMENTARY MATERIAL

The supplementary material consists of the complete list of references used to calculate the percentages of each sedimentary structure (Table 1).

Additional analysis on unidirectional cross-strata revealed a slight difference between tabular cross-strata and trough cross-strata. The result is presented in Table 2.

Finally, the authors found that inverse grading is a structure diagnostic of river processes, but the number of papers referencing it is very limited. For this reason this structure is shown in the supplementary material only (Table 3).

Table 1: Complete list of references used to calculate the percentages of each sedimentary structure.

|  |  |  |
| --- | --- | --- |
| **Sedimentary Structures** | **Number of data** | **References** |
| Symmetrical ripples | w = 27t = -r = - | [Clifton (1976)](#_ENREF_21); [De Raaf et al. (1977)](#_ENREF_34); [Homewood and Allen (1981)](#_ENREF_45); [Clifton (1982)](#_ENREF_22); [Pulham (1989)](#_ENREF_84); [Bhattacharya and Walker (1991)](#_ENREF_10); [Willis et al. (1999)](#_ENREF_102); [Coates and MacEachern (2000)](#_ENREF_23); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [McIlroy (2004)](#_ENREF_66); [Dumas et al. (2005)](#_ENREF_35); [Anastas et al. (2006)](#_ENREF_7); [Dumas and Arnott (2006)](#_ENREF_36); [Olariu and Bhattacharya (2006)](#_ENREF_74); [Gani and Bhattacharya (2007)](#_ENREF_40); [Plink-Björklund (2008)](#_ENREF_79); [Bhattacharya and MacEachern (2009)](#_ENREF_9); [Gani et al. (2009)](#_ENREF_41); [Ichaso and Dalrymple (2009)](#_ENREF_48); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [MacEachern et al. (2010)](#_ENREF_62); [Plint (2010)](#_ENREF_81); [Olariu et al. (2012b)](#_ENREF_78); [Scasso et al. (2012)](#_ENREF_90); [Chen et al. (2014)](#_ENREF_17); [Hurd et al. (2014)](#_ENREF_47); [Ichaso and Dalrymple (2014)](#_ENREF_49) |
| Current ripples andclimbing ripples | w = 4t = 19r = 27  | [Jopling and Walker (1968)](#_ENREF_50); [Collinson (1970)](#_ENREF_26); [Clifton (1976)](#_ENREF_21); [De Raaf et al. (1977)](#_ENREF_34); [Dalrymple et al. (1978)](#_ENREF_29); [Allen (1980)](#_ENREF_5); [Homewood and Allen (1981)](#_ENREF_45); [Howard and Reineck (1981)](#_ENREF_46); [Clifton (1982)](#_ENREF_22); [Mutti et al. (1985)](#_ENREF_69); [Kreisa and Moiola (1986)](#_ENREF_52); [Rossi and Rogledi (1988)](#_ENREF_89); [Tessier and Gigot (1989)](#_ENREF_94); [Bhattacharya and Walker (1991)](#_ENREF_10); [Allen and Posamentier (1994)](#_ENREF_4); [Greb and Archer (1995)](#_ENREF_43); [De Boer (1998)](#_ENREF_31); [Gingras et al. (1998)](#_ENREF_42); [Willis et al. (1999)](#_ENREF_102); [Coates and MacEachern (2000)](#_ENREF_23); [Bhattacharya and Giosan (2003)](#_ENREF_8); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [McIlroy (2004)](#_ENREF_66); [Dumas et al. (2005)](#_ENREF_35); [Olariu et al. (2005)](#_ENREF_75); [Dumas and Arnott (2006)](#_ENREF_36); [Olariu and Bhattacharya (2006)](#_ENREF_74); [Gani and Bhattacharya (2007)](#_ENREF_40); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Plink-Björklund (2008)](#_ENREF_79); [Bhattacharya and MacEachern (2009)](#_ENREF_9); [Gani et al. (2009)](#_ENREF_41); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Charvin et al. (2010)](#_ENREF_16); [Choi (2010)](#_ENREF_18); [Olariu et al. (2010)](#_ENREF_77); [Olariu et al. (2012a)](#_ENREF_76); [Olariu et al. (2012b)](#_ENREF_78); [Plink-Björklund (2012)](#_ENREF_80); [Scasso et al. (2012)](#_ENREF_90); [Chen et al. (2014)](#_ENREF_17); [Hurd et al. (2014)](#_ENREF_47); [Ichaso and Dalrymple (2014)](#_ENREF_49) |
| HCS and SCS | w = 22t = -r = 2 | [Bhattacharya and Walker (1991)](#_ENREF_10); [Greb and Archer (1995)](#_ENREF_43); [Coates and MacEachern (2000)](#_ENREF_23); [Mutti et al. (2000)](#_ENREF_71); [Willis and Gabel (2003)](#_ENREF_103); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [Dumas et al. (2005)](#_ENREF_35); [Anastas et al. (2006)](#_ENREF_7); [Dumas and Arnott (2006)](#_ENREF_36); [Olariu and Bhattacharya (2006)](#_ENREF_74); [Gani and Bhattacharya (2007)](#_ENREF_40); [Plink-Björklund (2008)](#_ENREF_79); [Bhattacharya and MacEachern (2009)](#_ENREF_9); [Ichaso and Dalrymple (2009)](#_ENREF_48); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Charvin et al. (2010)](#_ENREF_16); [Plint (2010)](#_ENREF_81); [Plink-Björklund (2012)](#_ENREF_80); [Chen et al. (2014)](#_ENREF_17); [Hurd et al. (2014)](#_ENREF_47); [Ichaso and Dalrymple (2014)](#_ENREF_49) |
| Low-angle lamination | w = 11t = 5r = 5 | [Duncan Jr (1964)](#_ENREF_37); [Coleman and Wright (1975)](#_ENREF_25); [Boersma and Terwindt (1981)](#_ENREF_11); [Kreisa and Moiola (1986)](#_ENREF_52); [Coates and MacEachern (2000)](#_ENREF_23); [Mutti et al. (2003)](#_ENREF_70); [Dumas et al. (2005)](#_ENREF_35); [Dumas and Arnott (2006)](#_ENREF_36); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Plink-Björklund (2008)](#_ENREF_79); [Gani et al. (2009)](#_ENREF_41); [Charvin et al. (2010)](#_ENREF_16); [MacEachern et al. (2010)](#_ENREF_62); [Olariu et al. (2010)](#_ENREF_77); [Plint (2010)](#_ENREF_81); [Hurd et al. (2014)](#_ENREF_47) |
| Lenticular,wavy, and flaser bedding | w = 14t = 19r = 12  | [Coleman and Gagliano (1965)](#_ENREF_24); [Reineck and Wunderlich (1968)](#_ENREF_85); [McCave (1970)](#_ENREF_65); [De Raaf et al. (1977)](#_ENREF_34); [Galloway (1981)](#_ENREF_39); [Homewood and Allen (1981)](#_ENREF_45); [Terwindt (1981)](#_ENREF_92); [Clifton (1982)](#_ENREF_22); [Pulham (1989)](#_ENREF_84); [Tye and Coleman (1989)](#_ENREF_96); [Bhattacharya and Walker (1991)](#_ENREF_10); [Nichols et al. (1991)](#_ENREF_72); [Nio and Yang (1991)](#_ENREF_73); [Tessier (1993)](#_ENREF_93); [Brooks et al. (1995)](#_ENREF_13); [Greb and Archer (1995)](#_ENREF_43); [De Boer (1998)](#_ENREF_31); [Borgeld et al. (1999)](#_ENREF_12); [Willis et al. (1999)](#_ENREF_102); [Coates and MacEachern (2000)](#_ENREF_23); [Martin (2000)](#_ENREF_63); [Ta et al. (2002)](#_ENREF_91); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [Wheatcroft et al. (2006)](#_ENREF_99); [Plink-Björklund (2008)](#_ENREF_79); [Olariu et al. (2012a)](#_ENREF_76); [Plink-Björklund (2012)](#_ENREF_80); [Scasso et al. (2012)](#_ENREF_90); [Chen et al. (2014)](#_ENREF_17); [Hurd et al. (2014)](#_ENREF_47) |
| Unidirectional cross-strata | w = 17t = 42r = 29 | [Collinson (1970)](#_ENREF_26); [Clifton (1976)](#_ENREF_21); [Kumar and Sanders (1976)](#_ENREF_53); [Dalrymple et al. (1978)](#_ENREF_29); [Allen (1980)](#_ENREF_5); [Boersma and Terwindt (1981)](#_ENREF_11); [Homewood and Allen (1981)](#_ENREF_45); [Clifton (1982)](#_ENREF_22); [Dalrymple (1984)](#_ENREF_27); [Kreisa and Moiola (1986)](#_ENREF_52); [Pulham (1989)](#_ENREF_84); [Bhattacharya and Walker (1991)](#_ENREF_10); [Greb and Archer (1995)](#_ENREF_43); [Mellere and Steel (1995)](#_ENREF_67); [Mellere and Steel (1996)](#_ENREF_68); [Wightman and Pemberton (1997)](#_ENREF_100); [De Boer (1998)](#_ENREF_31); [Gingras et al. (1998)](#_ENREF_42); [Bhattacharya and Giosan (2003)](#_ENREF_8); [Choi et al. (2004)](#_ENREF_20); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [McIlroy (2004)](#_ENREF_66); [Dumas et al. (2005)](#_ENREF_35); [Longhitano and Nemec (2005)](#_ENREF_61); [Olariu et al. (2005)](#_ENREF_75); [Anastas et al. (2006)](#_ENREF_7); [Dumas and Arnott (2006)](#_ENREF_36); [Olariu and Bhattacharya (2006)](#_ENREF_74); [Reynaud et al. (2006)](#_ENREF_86); ([Gani and Bhattacharya 2007](#_ENREF_40)); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Longhitano (2008)](#_ENREF_56); [Plink-Björklund (2008)](#_ENREF_79); [Gani et al. (2009)](#_ENREF_41); [Ichaso and Dalrymple (2009)](#_ENREF_48); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Charvin et al. (2010)](#_ENREF_16); [Dalrymple (2010)](#_ENREF_28); [Plint (2010)](#_ENREF_81); [Longhitano (2011)](#_ENREF_57); [Longhitano et al. (2012)](#_ENREF_60); [Olariu et al. (2012a)](#_ENREF_76); [Olariu et al. (2012b)](#_ENREF_78); [Plink-Björklund (2012)](#_ENREF_80); [Scasso et al. (2012)](#_ENREF_90); [Longhitano (2013)](#_ENREF_58); [Reynaud et al. (2013)](#_ENREF_87); [Chen et al. (2014)](#_ENREF_17); [Hurd et al. (2014)](#_ENREF_47); [Ichaso and Dalrymple (2014)](#_ENREF_49); [Longhitano et al. (2014)](#_ENREF_59) |
| Bidirectional cross-strata | w = 4t = 30r = 6  | [De Raaf and Boersma (1971)](#_ENREF_33); [Coleman and Wright (1975)](#_ENREF_25); [De Raaf et al. (1977)](#_ENREF_34); [Fraser and Hester (1977)](#_ENREF_38); [Allen (1980)](#_ENREF_5); [Boersma and Terwindt (1981)](#_ENREF_11); [Homewood and Allen (1981)](#_ENREF_45); [Howard and Reineck (1981)](#_ENREF_46); [Clifton (1982)](#_ENREF_22); [Dalrymple (1984)](#_ENREF_27); [De Mowbray and Visser (1984)](#_ENREF_32); [Alam et al. (1985)](#_ENREF_3); [Tessier and Gigot (1989)](#_ENREF_94); [Brown et al. (1990)](#_ENREF_14); [Nio and Yang (1991)](#_ENREF_73); [Greb and Archer (1995)](#_ENREF_43); [De Boer (1998)](#_ENREF_31); [Willis et al. (1999)](#_ENREF_102); [McIlroy (2004)](#_ENREF_66); [Willis (2005)](#_ENREF_101); [Gani and Bhattacharya (2007)](#_ENREF_40); [Van den Berg et al. (2007)](#_ENREF_97); [Plink-Björklund (2008)](#_ENREF_79); [Gani et al. (2009)](#_ENREF_41); [Ichaso and Dalrymple (2009)](#_ENREF_48); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Dalrymple (2010)](#_ENREF_28); [Choi (2011)](#_ENREF_19); [Ainsworth et al. (2012)](#_ENREF_2); [Olariu et al. (2012a)](#_ENREF_76); [Olariu et al. (2012b)](#_ENREF_78); [Plink-Björklund (2012)](#_ENREF_80); [Scasso et al. (2012)](#_ENREF_90); [Chen et al. (2014)](#_ENREF_17); [Ichaso and Dalrymple (2014)](#_ENREF_49); [Rossi and Craig (2016)](#_ENREF_88) |
| Foreset bundles | w = 1t = 15r = 2 | [De Raaf and Boersma (1971)](#_ENREF_33); [Visser (1980)](#_ENREF_98); [Allen (1981)](#_ENREF_6); [Homewood and Allen (1981)](#_ENREF_45); [De Mowbray and Visser (1984)](#_ENREF_32); [Kreisa and Moiola (1986)](#_ENREF_52); [Tessier and Gigot (1989)](#_ENREF_94); [Nio and Yang (1991)](#_ENREF_73); [Wightman and Pemberton (1997)](#_ENREF_100); [De Boer (1998)](#_ENREF_31); [McIlroy (2004)](#_ENREF_66); [Kvale (2006)](#_ENREF_54); [Van den Berg et al. (2007)](#_ENREF_97); [Yang et al. (2008)](#_ENREF_104); [Dalrymple (2010)](#_ENREF_28); [Ainsworth et al. (2012)](#_ENREF_2) |
| Rhythmic lamination | w = 2t = 13r = 1  | [Clifton (1982)](#_ENREF_22); [Kvale et al. (1989)](#_ENREF_55); [Brown et al. (1990)](#_ENREF_14); [Dalrymple et al. (1991)](#_ENREF_30); [Nio and Yang (1991)](#_ENREF_73); [Greb and Archer (1995)](#_ENREF_43); [Willis (2005)](#_ENREF_101); [Kvale (2006)](#_ENREF_54); [Bhattacharya and MacEachern (2009)](#_ENREF_9); [Choi (2011)](#_ENREF_19); [Plink-Björklund (2012)](#_ENREF_80); [Scasso et al. (2012)](#_ENREF_90); [Chen et al. (2014)](#_ENREF_17) |
| Sigmoidal cross-strata | w = 1t = 10r = 3 | [De Raaf et al. (1977)](#_ENREF_34); [Mutti et al. (1985)](#_ENREF_69); [Kreisa and Moiola (1986)](#_ENREF_52); [Nio and Yang (1991)](#_ENREF_73); [Wightman and Pemberton (1997)](#_ENREF_100); [Mutti et al. (2000)](#_ENREF_71); [Mutti et al. (2003)](#_ENREF_70); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [Willis (2005)](#_ENREF_101); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Tinterri (2011)](#_ENREF_95); [Plink-Björklund (2012)](#_ENREF_80); [Rossi and Craig (2016)](#_ENREF_88) |
| Mud drapes | w = 2t = 31r = 3 | [De Raaf and Boersma (1971)](#_ENREF_33); [Allen (1980)](#_ENREF_5); [Visser (1980)](#_ENREF_98); [Allen (1981)](#_ENREF_6); [Boersma and Terwindt (1981)](#_ENREF_11); [Clifton (1982)](#_ENREF_22); [De Mowbray and Visser (1984)](#_ENREF_32); [Kreisa and Moiola (1986)](#_ENREF_52); [Kvale et al. (1989)](#_ENREF_55); [Bhattacharya and Walker (1991)](#_ENREF_10); [Nio and Yang (1991)](#_ENREF_73); [Greb and Archer (1995)](#_ENREF_43); [Wightman and Pemberton (1997)](#_ENREF_100); [De Boer (1998)](#_ENREF_31); [Willis et al. (1999)](#_ENREF_102); [Willis and Gabel (2003)](#_ENREF_103); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [McIlroy (2004)](#_ENREF_66); [Willis (2005)](#_ENREF_101); [Gani and Bhattacharya (2007)](#_ENREF_40); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Van den Berg et al. (2007)](#_ENREF_97); [Plink-Björklund (2008)](#_ENREF_79); [Gani et al. (2009)](#_ENREF_41); [Ichaso and Dalrymple (2009)](#_ENREF_48); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Dalrymple (2010)](#_ENREF_28); [Ainsworth et al. (2012)](#_ENREF_2); [Olariu et al. (2012a)](#_ENREF_76); [Olariu et al. (2012b)](#_ENREF_78); [Plink-Björklund (2012)](#_ENREF_80); [Scasso et al. (2012)](#_ENREF_90); [Chen et al. (2014)](#_ENREF_17); [Ichaso and Dalrymple (2014)](#_ENREF_49) |
| Graded beds andstructureless | w = 4t = 1r = 18 | [Rossi and Rogledi (1988)](#_ENREF_89); [De Boer (1998)](#_ENREF_31); [Mutti et al. (2000)](#_ENREF_71); [Martinius et al. (2001)](#_ENREF_64); [Mutti et al. (2003)](#_ENREF_70); [Budillon et al. (2005)](#_ENREF_15); [Olariu et al. (2005)](#_ENREF_75); [Olariu and Bhattacharya (2006)](#_ENREF_74); [Gani and Bhattacharya (2007)](#_ENREF_40); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Ainsworth et al. (2008)](#_ENREF_1); [Plink-Björklund (2008)](#_ENREF_79); [Bhattacharya and MacEachern (2009)](#_ENREF_9); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Charvin et al. (2010)](#_ENREF_16); [Plink-Björklund (2012)](#_ENREF_80); [Rossi and Craig (2016)](#_ENREF_88) |
| Plane-parallel lamination | w = 14t = 15r = 21  | [Clifton (1976)](#_ENREF_21); [Kumar and Sanders (1976)](#_ENREF_53); [Allen (1980)](#_ENREF_5); [Howard and Reineck (1981)](#_ENREF_46); [Clifton (1982)](#_ENREF_22); [Dalrymple (1984)](#_ENREF_27); [Kreisa and Moiola (1986)](#_ENREF_52); [Rossi and Rogledi (1988)](#_ENREF_89); [Pulham (1989)](#_ENREF_84); [Bhattacharya and Walker (1991)](#_ENREF_10); [De Boer (1998)](#_ENREF_31); [Willis et al. (1999)](#_ENREF_102); [Coates and MacEachern (2000)](#_ENREF_23); [Mutti et al. (2000)](#_ENREF_71); [Mutti et al. (2003)](#_ENREF_70); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [McIlroy (2004)](#_ENREF_66); [Dumas et al. (2005)](#_ENREF_35); [Olariu et al. (2005)](#_ENREF_75); [Anastas et al. (2006)](#_ENREF_7); [Dumas and Arnott (2006)](#_ENREF_36); [Olariu and Bhattacharya (2006)](#_ENREF_74); [Gani and Bhattacharya (2007)](#_ENREF_40); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Plink-Björklund (2008)](#_ENREF_79); [Gani et al. (2009)](#_ENREF_41); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Charvin et al. (2010)](#_ENREF_16); [Dalrymple (2010)](#_ENREF_28); [MacEachern et al. (2010)](#_ENREF_62); [Olariu et al. (2010)](#_ENREF_77); [Olariu et al. (2012a)](#_ENREF_76); [Plink-Björklund (2012)](#_ENREF_80); [Scasso et al. (2012)](#_ENREF_90); [Rossi and Craig (2016)](#_ENREF_88) |
| Compound cross-strata | w = 1t = 14r = 4  | [Allen (1980)](#_ENREF_5); [Dalrymple (1984)](#_ENREF_27); [Wightman and Pemberton (1997)](#_ENREF_100); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [Anastas et al. (2006)](#_ENREF_7); [Gani and Bhattacharya (2007)](#_ENREF_40); [Pontén and Plink-Björklund (2007)](#_ENREF_82); [Plink-Björklund (2008)](#_ENREF_79); [Ainsworth et al. (2012)](#_ENREF_2); [Longhitano et al. (2012)](#_ENREF_60); [Olariu et al. (2012a)](#_ENREF_76); [Olariu et al. (2012b)](#_ENREF_78); [Plink-Björklund (2012)](#_ENREF_80); [Chen et al. (2014)](#_ENREF_17) |
| Soft-sediment deformation | w = 3t = 6r = 14 | [Bhattacharya and Walker (1991)](#_ENREF_10); [De Boer (1998)](#_ENREF_31); [Willis et al. (1999)](#_ENREF_102); [Coates and MacEachern (2000)](#_ENREF_23); [Mutti et al. (2000)](#_ENREF_71); [Mutti et al. (2003)](#_ENREF_70); ([Choi et al. 2004](#_ENREF_20)); [Kirschbaum and Hettinger (2004)](#_ENREF_51); [Olariu and Bhattacharya (2006)](#_ENREF_74); [Gani and Bhattacharya (2007)](#_ENREF_40); [Greb and Archer (2007)](#_ENREF_44); [Plink-Björklund (2008)](#_ENREF_79); [Bhattacharya and MacEachern (2009)](#_ENREF_9); [Gani et al. (2009)](#_ENREF_41); [Pontén and Plink-Björklund (2009)](#_ENREF_83); [Charvin et al. (2010)](#_ENREF_16); [Scasso et al. (2012)](#_ENREF_90); [Chen et al. (2014)](#_ENREF_17) |
| Inverse grading |  | [Mutti et al. (2000)](#_ENREF_71); [Mutti et al. (2003)](#_ENREF_70); [Bhattacharya and MacEachern (2009)](#_ENREF_9); [Ichaso and Dalrymple (2014)](#_ENREF_49) |

Table 2: Within unidirectional cross-strata it is possible in some cases to distinguish between tabular and trough cross-strata. Percentages have been calculated for tabular (2D) cross-strata and trough (3D) cross-strata.

|  |  |  |  |
| --- | --- | --- | --- |
| Sedimentary structures | P(w) | P(t) | P(r) |
| 2D cross-strata | 17% | 57% | 26% |
| 3D cross-strata | 22% | 49% | 29% |

Table 3: Percentages related to inverse grading and inverse-to-normal grading. This structure is very diagnostic of river processes.

|  |  |  |  |
| --- | --- | --- | --- |
| Sedimentary structures | P(w) | P(t) | P(r) |
| Inverse grading and inverse-to-normal grading | - | - | 100% |

REFERENCES CITED

Ainsworth, R.B., Flint, S.S., and Howell, J.A., 2008, Predicting coastal depositional style: influence of basin morphology and accommodation to sediment supply ratio within a sequence stratigraphic framework, *in* Hampson, G.J., Steel, R.J., Burgess, P.M., and Dalrymple, R.W., eds., Recent Advances in Models of Shallow-Marine Stratigraphy: SEPM, Special Publication, p. 237-263.

Ainsworth, R.B., Hasiotis, S.T., Amos, K.J., Krapf, C.B.E., Payenberg, T.H.D., Sandstrom, M.L., Vakarelov, B.K., and Lang, S.C., 2012, Tidal signatures in an intracratonic playa lake: Geology, v. 40, p. 607-610.

Alam, M.M., Crook, K.A.W., and Taylor, G., 1985, Fluvial herring-bone cross-stratification in a modern tributary mouth bar, Coonamble, New South Wales, Australia: Sedimentology, v. 32, p. 235-244.

Allen, G.P., and Posamentier, H.W., 1994, Transgressive facies and sequence architecture in mixed tide-and wave-dominated incised valleys: example from the Gironde Estuary, France, *in* Dalrymple, B.W., Zaitlin, B.A., and Boyd, R., eds., Incised-Valley Systems: Origin and Sedimentary Sequences, SEPM Special Publication, p. 225-240.

Allen, J.R.L., 1980, Sand waves: a model of origin and internal structure: Sedimentary Geology, v. 26, p. 281-328.

Allen, J.R.L., 1981, Lower Cretaceous tides revealed by cross-bedding with mud drapes: Nature, v. 289, p. 579-581.

Anastas, A.S., Dalrymple, R.W., James, N.P., and Nelson, C.S., 2006, Lithofacies and dynamics of a cool-water carbonate seaway; mid-Tertiary, Te Kuiti Group, New Zealand, *in* Pedley, H.M., and Carannante, G., eds., Cool-Water Carbonates: Depositional Systems and Palaeoenvironmental Controls: London, United Kingdom, Geological Society of London, p. 245-268.

Bhattacharya, J.P., and Giosan, L., 2003, Wave-influenced deltas: geomorphological implications for facies reconstruction: Sedimentology, v. 50, p. 187-210.

Bhattacharya, J.P., and MacEachern, J.A., 2009, Hyperpycnal rivers and prodeltaic shelves in the Cretaceous seaway of North America: Journal of Sedimentary Research, v. 79, p. 184-209.

Bhattacharya, J.P., and Walker, R.G., 1991, River- and wave-dominated depositional systems of the Upper Cretaceous Dunvegan Formation, northwestern Alberta: Bulletin of Canadian Petroleum Geology, v. 39, p. 165-191.

Boersma, J.R., and Terwindt, J.H.J., 1981, Neap–spring tide sequences of intertidal shoal deposits in a mesotidal estuary: Sedimentology, v. 28, p. 151-170.

Borgeld, J.C., Hughes Clarke, J.E., Goff, J.A., Mayer, L.A., and Curtis, J.A., 1999, Acoustic backscatter of the 1995 flood deposit on the Eel shelf: Marine Geology, v. 154, p. 197-210.

Brooks, G.R., Jack, L.K., Shea, P., Williams, S.J., and McBride, R.A., 1995, East Louisiana continental shelf sediments: a product of delta reworking: Journal of Coastal Research, v. 11, p. 1026-1036.

Brown, M.A., Archer, A.W., and Kvale, E.P., 1990, Neap-spring tidal cyclicity in laminated carbonate channel-fill deposits and its implications: Salem Limestone (Mississipian), south-central Indiana, USA: Journal of Sedimentary Petrology, v. 60, p. 152-159.

Budillon, F., Violante, C., Conforti, A., Esposito, E., Insinga, D., Iorio, M., and Porfido, S., 2005, Event beds in the recent prodelta stratigraphic record of the small flood-prone Bonea Stream (Amalfi Coast, Southern Italy): Marine Geology, v. 222–223, p. 419-441.

Charvin, K., Hampson, G.J., Gallagher, K.L., and Labourdette, R., 2010, Intra-parasequence architecture of an interpreted asymmetrical wave-dominated delta: Sedimentology, v. 57, p. 760-785.

Chen, S., Steel, R.J., Dixon, J.F., and Osman, A., 2014, Facies and architecture of a tide-dominated segment of the Late Pliocene Orinoco Delta (Morne L'Enfer Formation) SW Trinidad: Marine and Petroleum Geology, v. 57, p. 208-232.

Choi, K., 2010, Rhythmic climbing-ripple cross-lamination in inclined heterolithic stratification (IHS) of a macrotidal estuarine channel, Gomso Bay, west coast of Korea: Journal of Sedimentary Research, v. 80, p. 550-561.

Choi, K., 2011, Tidal rhythmites in a mixed-energy, macrotidal estuarine channel, Gomso Bay, west coast of Korea: Marine Geology, v. 280, p. 105-115.

Choi, K., Dalrymple, R.W., Chun, S.S., and Kim, S.-P., 2004, Sedimentology of modern, inclined heterolithic stratification (IHS) in the macrotidal Han River Delta, Korea: Journal of Sedimentary Research, v. 74, p. 677-689.

Clifton, H.E., 1976, Wave-formed sedimentary structures - a conceptual model, *in* Davis Jr, R.A., and Ethington, R.L., eds., Beach and Nearshore Sedimentation, SEPM Special Publication, p. 126-148.

Clifton, H.E., 1982, Estuarine deposits, *in* Scholle, P.A., and Spearing, D., eds., Sandstone Depositional Environments: Tulsa, OK, American Association of Petroleum Geologists, p. 179-189.

Coates, L., and MacEachern, J., 2000, Differentiating river-and wave-dominated deltas from shorefaces: Examples from the Cretaceous Western Interior Seaway, Alberta, Canada: GeoCanada 2000, Millennium Geoscience Summit, p. unpaginated.

Coleman, J.M., and Gagliano, S.M., 1965, Sedimentary structures: Mississippi river deltaic plain, *in* Middleton, G.V., ed., Sedimentary Structures and Their Hydrodynamic Interpretation, Society of Economic Palaeontologists and Mineralogists Special Publication 12, p. 133-148.

Coleman, J.M., and Wright, L.D., 1975, Modern River Deltas: Variability of Processes and Sand Bodies, *in* Broussard, M.L., ed., Deltas - Models for Exploration, Houston Geological Society, p. 99-149.

Collinson, J.D., 1970, Bedforms of the Tana River, Norway: Geografiska Annaler, Series A, Physical Geography, v. 52, p. 31-56.

Dalrymple, R.W., 1984, Morphology and internal structure of sandwaves in the Bay of Fundy: Sedimentology, v. 31, p. 365-382.

Dalrymple, R.W., 2010, Tidal depositional systems, *in* James, N.P., and Dalrymple, R.W., eds., Facies Models 4, Geological Association of Canada, p. 201-231.

Dalrymple, R.W., Knight, R.J., and Lambiase, J.J., 1978, Bedforms and their hydraulic stability relationships in a tidal environment, Bay of Fundy, Canada: Nature, v. 275, p. 100-104.

Dalrymple, R.W., Makino, Y., and Zaitlin, B.A., 1991, Temporal and spatial patterns of rhythmite deposition on mud flats in the macrotidal Cobequid Bay-Salmon River estuary, Bay of Fundy, Canada, *in* Smith, D.G., Reinson, G.E., Zaitlin, B.A., and Rahmani, R.A., eds., Clastic Tidal Sedimentology, Canadian Society of Petroleum Geologists Memoir, p. 137-160.

De Boer, P.L., 1998, Intertidal sediments: composition and structure, *in* Eisma, D., ed., Intertidal Deposits. River Mouths, Tidal Flats, and Coastal Lagoons: Boca Raton, CRC Press, p. 345-361.

De Mowbray, T., and Visser, M.J., 1984, Reactivation surfaces in subtidal channel deposits, Oosterschelde, Southwest Netherlands: Journal of Sedimentary Petrology, v. 54, p. 811-824.

De Raaf, J.F.M., and Boersma, J.R., 1971, Tidal deposits and their sedimentary structures: Netherlands Journal of Geosciences/Geologie en Mijnbouw, v. 50, p. 479-504.

De Raaf, J.F.M., Boersma, J.R., and Van Gelder, A., 1977, Wave-generated structures and sequences from a shallow marine succession, Lower Carboniferous, County Cork, Ireland: Sedimentology, v. 24, p. 451-483.

Dumas, S., Arnott, R., and Southard, J.B., 2005, Experiments on oscillatory-flow and combined-flow bed forms: implications for interpreting parts of the shallow-marine sedimentary record: Journal of Sedimentary research, v. 75, p. 501-513.

Dumas, S., and Arnott, R.W.C., 2006, Origin of hummocky and swaley cross-stratification— The controlling influence of unidirectional current strength and aggradation rate: Geology, v. 34, p. 1073-1076.

Duncan Jr, J.R., 1964, The effects of water table and tide cycle on swash-backwash sediment distribution and beach profile development: Marine Geology, v. 2, p. 186-197.

Fraser, G.S., and Hester, N.C., 1977, Sediments and sedimentary structures of a beach-ridge complex, southwestern shore of Lake Michigan: Journal of Sedimentary Petrology, v. 47, p. 1187–1200.

Galloway, W.E., 1981, Depositional architecture of Cenozoic Gulf Coastal Plain fluvial systems, *in* Ethridge, F.G., and Flores, R.M., eds., Recent and Ancient Nonmarine Depositional Environments. , Society of Economic Palaeontologists and Mineralogists, Special Publication 31, p. 127-156.

Gani, M.R., and Bhattacharya, J.P., 2007, Basic building blocks and process variability of a Cretaceous delta: internal facies architecture reveals a more dynamic interaction of river, wave, and tidal processes than is indicated by external shape: Journal of Sedimentary Research, v. 77, p. 284-302.

Gani, M.R., Bhattacharya, J.P., and MacEachern, J.A., 2009, Using ichnology to determine relative influence of waves, storms, tides, and rivers in deltaic deposits: examples from Cretaceous Western Interior Seaway, USA, *in* MacEachern, J.A., Bann, K.L., Gingras, M.K., and Pemberton, S.G., eds., Applied Ichnology, SEPM, Short Course Notes, p. 209-225.

Gingras, M.K., MacEachern, J.A., and Pemberton, S.G., 1998, A comparative analysis of the ichnology of wave-and river-dominated allomembers of the Upper Cretaceous Dunvegan Formation: Bulletin of Canadian Petroleum Geology, v. 46, p. 51-73.

Greb, S.F., and Archer, A.W., 1995, Rhythmic sedimentation in a mixed tide and wave deposit, Hazel Patch Sandstone (Pennsylvanian), eastern Kentucky coal field: Journal of Sedimentary Research, v. B 65, p. 96-106.

Greb, S.F., and Archer, A.W., 2007, Soft-sediment deformation produced by tides in a meizoseismic area, Turnagain Arm, Alaska: Geology, v. 35, p. 435-438.

Homewood, P., and Allen, P., 1981, Wave-controlled, tide-controlled, and current-controlled sandbodies of Miocene molasse, western Switzerland: American Association of Petroleum Geologists Bulletin, v. 65, p. 2534-2545.

Howard, J.D., and Reineck, H.-E., 1981, Depositional facies of high-energy beach-to-offshore sequence: comparison with low-energy sequence: American Association of Petroleum Geologists Bulletin, v. 65, p. 807-830.

Hurd, T.J., Fielding, C.R., and Hutsky, A.J., 2014, Variability in sedimentological and ichnological signatures across a river-dominated delta deposit: Peay Sandstone Member (Cenomanian) of the Northern Bighorn Basin, Wyoming, U.S.A: Journal of Sedimentary Research, v. 84, p. 1-18.

Ichaso, A.A., and Dalrymple, R.W., 2009, Tide- and wave-generated fluid mud deposits in the Tilje Formation (Jurassic), offshore Norway: Geology, v. 37, p. 539-542.

Ichaso, A.A., and Dalrymple, R.W., 2014, Eustatic, tectonic and climatic controls on an early synrift mixed-energy delta, Tilje Formation (early Jurassic, Smørbukk Field, offshore mid-Norway), *in* Martinius, A.W., Ravnås, R., Howell, J.A., Steel, R.J., and Wonham, J.P., eds., Depositional Systems to Sedimentary Successions on the Norwegian Continental Shelf, International Association of Sedimentologists, Special Publication 46, p. 339-388.

Jopling, A.V., and Walker, R.G., 1968, Morphology and origin of ripple-drift cross-lamination, with examples from the Pleistocene of Massachusetts: Journal of Sedimentary Petrology, v. 38, p. 971-984.

Kirschbaum, M.A., and Hettinger, R.D., 2004, Facies analysis and sequence stratigraphic framework of Upper Campanian strata (Neslen and mount Garfield Formations, Bluecastle Tongue of the Castlegate Sandstone, and Mancos Shale), eastern Book cliffs, Colorado and Utah: U.S. Geological Survey Digital Data Report, 40 p.

Kreisa, R.D., and Moiola, R.J., 1986, Sigmoidal tidal bundles and other tide-generated sedimentary structures of the Curtis Formation, Utah: Geological Society of America Bulletin, v. 97, p. 381-387.

Kumar, N., and Sanders, J.E., 1976, Characteristics of shoreface storm deposits: modern and ancient examples: Journal of Sedimentary Petrology, v. 46, p. 145-162.

Kvale, E.P., 2006, The origin of neap–spring tidal cycles: Marine Geology, v. 235, p. 5-18.

Kvale, E.P., Archer, A.W., and Johnson, H.R., 1989, Daily, monthly, and yearly tidal cycles within laminated siltstones of the Mansfield Formation (Pennsylvanian) of Indiana: Geology, v. 17, p. 365-368.

Longhitano, S.G., 2008, Sedimentary facies and sequence stratigraphy of coarse-grained Gilbert-type deltas within the Pliocene thrust-top Potenza Basin (Southern Apennines, Italy): Sedimentary Geology, v. 210, p. 87-110.

Longhitano, S.G., 2011, The record of tidal cycles in mixed silici–bioclastic deposits: examples from small Plio–Pleistocene peripheral basins of the microtidal Central Mediterranean Sea: Sedimentology, v. 58, p. 691-719.

Longhitano, S.G., 2013, A facies-based depositional model for ancient and modern, tectonically–confined tidal straits: Terra Nova, v. 25, p. 446-452.

Longhitano, S.G., Chiarella, D., and Muto, F., 2014, Three-dimensional to two-dimensional cross-strata transition in the lower Pleistocene Catanzaro tidal strait transgressive succession (southern Italy): Sedimentology, v. 61, p. 2136-2171.

Longhitano, S.G., Mellere, D., Steel, R.J., and Ainsworth, R.B., 2012, Tidal depositional systems in the rock record: A review and new insights: Sedimentary Geology, v. 279, p. 2-22.

Longhitano, S.G., and Nemec, W., 2005, Statistical analysis of bed-thickness variation in a Tortonian succession of biocalcarenitic tidal dunes, Amantea Basin, Calabria, southern Italy: Sedimentary Geology, v. 179, p. 195-224.

MacEachern, J.A., Pemberton, S.G., Gingras, M.K., and Bann, K.L., 2010, Ichnology and facies models, *in* James, N.P., and Dalrymple, R.W., eds., Facies models, Geological Association of Canada, p. 19-58.

Martin, A.J., 2000, Flaser and wavy bedding in ephemeral streams: a modern and an ancient example: Sedimentary Geology, v. 136, p. 1-5.

Martinius, A.W., Kaas, I., Næss, A., Helgesen, G., Kjærefjord, J.M., and Leith, D.A., 2001, Sedimentology of the heterolithic and tide-dominated tilje formation (Early Jurassic, Halten Terrace, Offshore Mid-Norway), *in* Martinsen, O.J., and Dreyer, T., eds., Sedimentary Environments Offshore Norway — Palaeozoic to Recent, Norwegian Petroleum Foundation, Special Publication 10, p. 103-144.

McCave, I.N., 1970, Deposition of fine-grained suspended sediment from tidal currents: Journal of Geophysical Research, v. 75, p. 4151-4159.

McIlroy, D., 2004, Ichnofabrics and sedimentary facies of a tide-dominated delta: Jurassic Ile Formation of Kristin field, Haltenbanken, offshore mid-Norway, *in* McIlroy, D., ed., The Application of Ichnology to Palaeoenvironmental and Stratigraphic Analysis: Lyell Meeting 2003, The Geological Society of London, Special Publication, 228, p. 237-272.

Mellere, D., and Steel, R.J., 1995, Facies architecture and sequentiality of nearshore and shelf sandbodies - Haystack Mountains Formation, Wyoming, USA: Sedimentology, v. 42, p. 551-574.

Mellere, D., and Steel, R.J., 1996, Tidal sedimentation in Inner Hebrides half grabens, Scotland: the Mid-Jurassic Bearreraig Sandstone Formation, *in* de Batist, M., and Jacobs, P., eds., Geology of Siliciclastic Shelf Seas, Geological Society of London, Special Publication 117, p. 49-79.

Mutti, E., Rosell, J., Allen, G.P., Fonnesu, F., and Sgavetti, M., 1985, The Eocene Baronia tide-dominated delta-shelf system in the Ager Basin, *in* Miall, M.D., and Rosell, J., eds., International Association of Sedimentologists, 6th European Regional Meeting, Excursion guidebook: Lleida, Spain, p. 579-600.

Mutti, E., Tinterri, R., Benevelli, G., di Biase, D., and Cavanna, G., 2003, Deltaic, mixed and turbidite sedimentation of ancient foreland basins: Marine and Petroleum Geology, v. 20, p. 733-755.

Mutti, E., Tinterri, R., Di Biase, D., Fava, L., Mavilla, N., Angella, S., and Calabrese, L., 2000, Delta-front facies associations of ancient flood-dominated fluvio-deltaic systems: Revista de la Sociedad Geológica de España, v. 13, p. 165-190.

Nichols, M.M., Johnson, G.H., and Peebles, P., 1991, Modern sediments and facies model for a microtidal coastal plain estuary, the James Estuary, Virginia: Journal of Sedimentary Petrology, v. 61, p. 883-899.

Nio, S.-D., and Yang, C.-S., 1991, Diagnostic attributes of clastic tidal deposits: a review, *in* Smith, D.G., Zaitlin, B.A., Reinson, G.E., and Rahmani, R.A., eds., Clastic tidal sedimentology: Calgary, Canadian Society of Petroleum Geologists, p. 3-27.

Olariu, C., and Bhattacharya, J.P., 2006, Terminal distributary channels and delta front architecture of river-dominated delta systems: Journal of Sedimentary Research, v. 76, p. 212-233.

Olariu, C., Bhattacharya, J.P., Xu, X., Aiken, C.L.V., Zeng, X., and McMechan, G.A., 2005, Integrated study of ancient delta-front deposits, using outcrop, ground-penetrating radar, and three-dimensional photorealistic data: Cretaceous Panther Tongue Sandstone, Utah, USA, *in* Giosan, L., and Bhattacharya, J.P., eds., River Deltas: Concepts, Models, and Examples, SEPM, Special Publication 83, p. 155–178.

Olariu, C., Steel, R.J., Dalrymple, R.W., and Gingras, M.K., 2012a, Tidal dunes versus tidal bars: The sedimentological and architectural characteristics of compound dunes in a tidal seaway, the lower Baronia Sandstone (Lower Eocene), Ager Basin, Spain: Sedimentary Geology, v. 279, p. 134-155.

Olariu, C., Steel, R.J., and Petter, A.L., 2010, Delta-front hyperpycnal bed geometry and implications for reservoir modeling: Cretaceous Panther Tongue delta, Book Cliffs, Utah: American Association of Petroleum Geologists Bulletin, v. 94, p. 819-845.

Olariu, M.I., Olariu, C., Steel, R.J., Dalrymple, R.W., and Martinius, A.W., 2012b, Anatomy of a laterally migrating tidal bar in front of a delta system: Esdolomada Member, Roda Formation, Tremp-Graus Basin, Spain: Sedimentology, v. 59, p. 356-U32.

Plink-Björklund, P., 2008, Wave-to-tide facies change in a Campanian shoreline complex, Chimney Rock Tongue, Wyoming-Utah, USA, *in* Hampson, G.J., Steel, R.J., Burgess, P.M., and Dalrymple, B.W., eds., Recent Advances in Models of Shallow-Marine Stratigraphy: SEPM, Special Publication, 90, p. 265-291.

Plink-Björklund, P., 2012, Effects of tides on deltaic deposition: Causes and responses: Sedimentary Geology, v. 279, p. 107-133.

Plint, A.G., 2010, Wave-and storm-dominated shoreline and shallow-marine systems, *in* Dalrymple, R.W., and James, N.P., eds., Facies Models, Geological Association of Canada, p. 167-199.

Pontén, A., and Plink-Björklund, P., 2007, Depositional environments in an extensive tide-influenced delta plain, Middle Devonian Gauja Formation, Devonian Baltic Basin: Sedimentology, v. 54, p. 969-1006.

Pontén, A., and Plink-Björklund, P., 2009, Process regime changes across a regressive to transgressive turnaround in a shelf–slope basin, Eocene Central Basin of Spitsbergen: Journal of Sedimentary Research, v. 79, p. 2-23.

Pulham, A.J., 1989, Controls on internal structure and architecture of sandstone bodies within Upper Carboniferous fluvial-dominated deltas, County Clare, western Ireland, *in* Whateley, M.K.G., and Pickering, K.T., eds., Deltas: Traps for Fossil Fuels: London, Geological Society of London, Special Publication 41, p. 179-203.

Reineck, H.-E., and Wunderlich, F., 1968, Classification and origin of flaser and lenticular bedding: Sedimentology, v. 11, p. 99-104.

Reynaud, J.-Y., Dalrymple, R.W., Vennin, E., Parize, O., Besson, D., and Rubino, J.-L., 2006, Topographic controls on production and deposition of tidal cool-Water carbonates, Uzès Basin, SE France: Journal of Sedimentary Research, v. 76, p. 117-130.

Reynaud, J.-Y., Ferrandini, M., Ferrandini, J., Santiago, M., Thinon, I., AndrÉ, J.-P., Barthet, Y., Guennoc, P.O.L., and Tessier, B., 2013, From non-tidal shelf to tide-dominated strait: The Miocene Bonifacio Basin, Southern Corsica: Sedimentology, v. 60, p. 599-623.

Rossi, M., and Craig, J., 2016, A new perspective on sequence stratigraphy of syn-orogenic basins: insights from the Tertiary Piedmont Basin (Italy) and implications for play concepts and reservoir heterogeneity, *in* Bowman, M., Smyth, H.R., Good, T.R., Passey, S.R., Hirst, J.P.P., and Jordan, C.J., eds., The Value of Outcrop Studies in Reducing Subsurface Uncertainty and Risk in Hydrocarbon Exploration and Production, Geological Society, London, Special Publication 436, p. 93-133.

Rossi, M.E., and Rogledi, S., 1988, Relative sea-level changes, local tectonic settings and basin margin sedimentation in the interference zone between two orogenic belts: seismic stratigraphic examples from Padan foreland basin, northern Italy, *in* Nemec, W., and Steel, R.J., eds., Fan Deltas: Sedimentology and Tectonic Settings: Glasgow, Blackie and Son, p. 368-384.

Scasso, R., Dozo, M.T., Cuitiño, J.I., and Bouza, P., 2012, Meandering tidal-fluvial channels and lag concentration of terrestrial vertebrates in the fluvial-tidal transition of an ancient estuary in Patagonia: Latin American Journal of Sedimentology and Basin Analysis, v. 19, p. 27-45.

Ta, T.K.O., Nguyen, V.L., Tateishi, M., Kobayashi, I., Saito, Y., and Nakamura, T., 2002, Sediment facies and Late Holocene progradation of the Mekong River Delta in Bentre Province, southern Vietnam: an example of evolution from a tide-dominated to a tide- and wave-dominated delta: Sedimentary Geology, v. 152, p. 313-325.

Terwindt, J.H.J., 1981, Origin and sequences of sedimentary structures in inshore mesotidal deposits of the North Sea, *in* Nio, S.D., Shuttenhelm, R.T.E., and van Weering, T.C., eds., Holocene Marine Sedimentation in the North Sea Basin, International Association of Sedimentologists, Special Publication 5, p. 4-26.

Tessier, B., 1993, Upper intertidal rhythmites in the Mont-Saint-Michel Bay (NW France): Perspectives for paleoreconstruction: Marine Geology, v. 110, p. 355-367.

Tessier, B., and Gigot, P., 1989, A vertical record of different tidal cyclicities: an example from the Miocene Marine Molasse of Digne (Haute Provence, France): Sedimentology, v. 36, p. 767-776.

Tinterri, R., 2011, Combined flow sedimentary structures and the genetic link between sigmoidal-and hummocky-cross stratification: GeoActa, v. 10, p. 1-43.

Tye, R.S., and Coleman, J.M., 1989, Depositional processes and stratigraphy of fluvially dominated lacustrine deltas: Mississippi Delta Plain: Journal of Sedimentary Petrology, v. 59, p. 973-996.

Van den Berg, J.H., Boersma, J.R., and Van Gelder, A., 2007, Diagnostic sedimentary structures of the fluvial-tidal transition zone–Evidence from deposits of the Rhine and Meuse: Netherlands Journal of Geosciences/Geologie en Mijnbouw, v. 86, p. 287-306.

Visser, M., 1980, Neap-spring cycles reflected in Holocene subtidal large-scale bedform deposits: a preliminary note: Geology, v. 8, p. 543-546.

Wheatcroft, R.A., Stevens, A.W., Hunt, L.M., and Milligan, T.G., 2006, The large-scale distribution and internal geometry of the fall 2000 Po River flood deposit: Evidence from digital X-radiography: Continental Shelf Research, v. 26, p. 499-516.

Wightman, D.M., and Pemberton, S.G., 1997, The Lower Cretaceous (Aptian) McMurray Formation: an overview of the Fort McMurray area, northeastern, Alberta, *in* Pemberton, S.G., and James, D.P., eds., Petroleum Geology of the Cretaceous Mannville Group, Western Canada, Canadian Society of Petroleum Geologists Memoir, 18, p. 312-344.

Willis, B.J., 2005, Deposits of tide-influenced river deltas, *in* Giosan, L., and Bhattacharya, J.P., eds., River Deltas - Concepts, Models, and Examples, SEPM Special Publication, 83, p. 87-129.

Willis, B.J., Bhattacharya, J.P., Gabel, S.L., and White, C.D., 1999, Architecture of a tide-influenced river delta in the Frontier Formation of central Wyoming, USA: Sedimentology, v. 46, p. 667-688.

Willis, B.J., and Gabel, S.L., 2003, Formation of deep incisions into tide-dominated river deltas: implications for the stratigraphy of the Sego Sandstone, Book Cliffs, Utah, U.S.A: Journal of Sedimentary Research, v. 73, p. 246-263.

Yang, B., Gingras, M.K., Pemberton, S.G., and Dalrymple, R.W., 2008, Wave-generated tidal bundles as an indicator of wave-dominated tidal flats: Geology, v. 36, p. 39-42.