This file contains the model results data analyzed in the paper

"Subsea permafrost and associated methane hydrates: how long will they survive in the future?" Valentina V. Malakhova and Alexey V. Eliseev

The results from the SMILE simulations (TR0, TR1000, TR3000) are presented in files \*.xlsx:

1. TR0\_45GT
2. TR0\_60GT
3. TR0\_75GT
4. TR1000\_45GT
5. TR1000\_60GT
6. TR1000\_75GT
7. TR3000\_45GT
8. TR3000\_60GT
9. TR3000\_75GT

These files contain the model results for the shallow (10m), middle (50m) and outer (100m) shelf:

1. Methane hydrates stability zone (MHSZ)
2. Methane hydrates stability zone top (MHSZT)
3. Methane hydrates stability zone bottom (MHSZB)
4. Permafrost bottom (PB)
5. Permafrost top (PT)
6. Temperature at the sediment interface (T0)
7. Volume of the methane in the methane hydrates stability zone (VCH4)
8. Methane flux from the methane hydrates stability zone top (CH4FLT)
9. Methane flux from the methane hydrates stability zone bottom (CH4FLB)