# RASC & CASC Version 20

Oslo, Norway and Ottawa, Canada                                          20 August 2007

Dear User,

Congratulations with your acquisition of the RASC & CASC (Ranking and Scaling & Correlation And Standard error Calculation) Programs Version 20, prepared in 2006/2007.

Almost 30 years ago, between 1979 and 1981 to be precise, the first version of RASC was created. Its goal was to produce a more realistic biozonation with Cenozoic microfossils in exploration wells on the Labrador Shelf and Grand Banks of Newfounland (Gradstein & Agterberg, 1981). The first PC version, operating under DOS was released in 1984. The graphics interface for RASC & CASC was built in the mid-nineties, with funding from petroleum industry.

Version 20 of RASC & CASC provides even better graphics fascilities, and adds a new CASC method of scaling the Ranked or Scaled Optimum Sequences using normalized thickness of all event pair intervals. Afterall, *good old* 'Graphic Correlation' uses interval thickness between events for scaling the 'composite standard'. In RASC, scaling the Optimum Sequence is accomplished by converting the cross-over frequencies of all pairs of events into z-values of the normal distribution. The latter scales independent of sedimentation rates. In CASC, scaling the RASC Optimum Sequence uses normalized thicknesses of all event pair intervals. This new scaling method is still being further developed and improved.

The following files are included in this installation package:

This file: Read_First_what_is_included.pdf

Installation_and_Operation.pdf


Under SETUP
RASCW_V20_Setup.part1.ttt
RASCW_V20_Setup.part2.rar
RASCW_V20_Setup.part3.rar

Under MANUAL and PUBLICATIONS
Manual for RASC and CASC Version 18.pdf
Selected Scientific References Related to RASC and CASC.pdf
Quantitative Methods_Reprint.pdf
Thickness Scaling in RASCW Version 20_Preprint.pdf
Increasing Resolution….Preprint.pdf