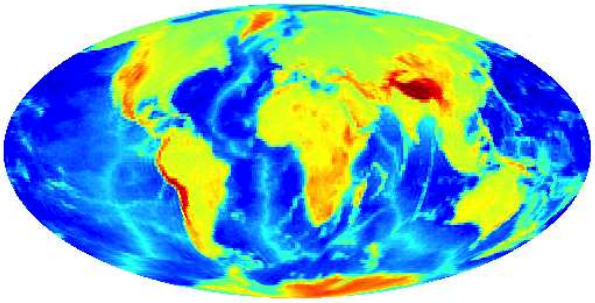
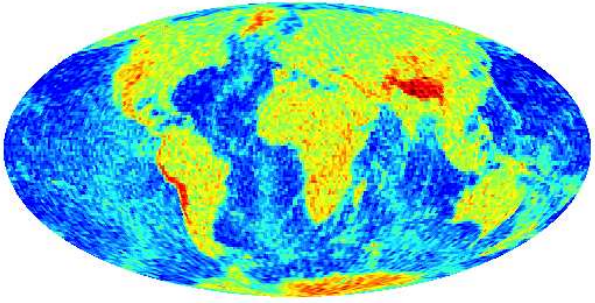
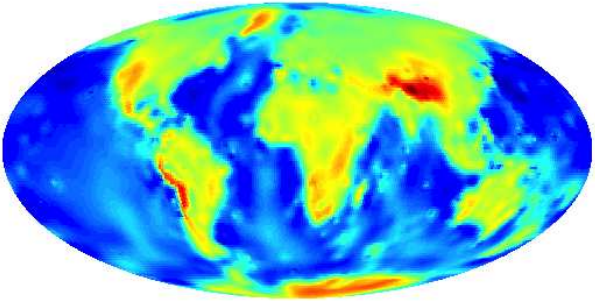


(a) Band-limited signal



(b) Noisy signal with $S/N(y) = 11.8$ dB



(c) Denoised signal with $S/N(d) = 14.66$ dB