

**1. Papers in refereed journals**

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113. Hagedoorn, J., Martinec, Z., 2015. The adjoint-state method for the downward continuation of the geomagnetic field. *Geophys. J. Int.*, (accepted, January 28, 2015).

### **1.1 Papers submitted to international journals**

114. Dill, R., Klemann, V., Martinec, Z., Tesauro, M. Applying local Green’s functions to study the influence of the crustal structure on hydrological loading displacements. *J. Geodyn.*, (submitted December 10, 2014).
115. Einšpigel, D., Martinec, Z. The new derivation of the shallow water equations in geographical coordinates and their application to the global barotropic ocean model (the DEBOT model). *Ocean Modelling*, (submitted January 6, 2015).

### **2. Theses**

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### **3. Monograph**

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#### 4. Monograph chapters

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