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(25) Tenzer, R., Hamayun, and **P. Vajda** (**2009)** Global maps of crustal components stripped gravity. 3rd Workshop on 'Deformation and Gravity Change: Indicators of Isostasy, Tectonics, Volcanism and Climate Change', Casa de los Volcanes, Lanzarote, **Canary Islands**, **Spain**, February 23–26, 2009, (oral)

(24) Tenzer, R., Hamayun, **P. Vajda**, and P. Novák (**2009)** A smoothing effect of the topographical correction on gravity disturbances in rugged mountains and flat regions – Case study for the Canadian Rocky Mountains. 6th EGU General Assembly, Vienna, **Austria**, 19–24 April, 2009, (poster)

(23) Tenzer, R., Hamayun, **P. Vajda**, and P. Novák (**2009)** Global modeling of the ice stripping correction in terms of the ice thickness spherical functions. 6th EGU General Assembly, Vienna, **Austria**, 19–24 April, 2009, (poster)

(22) Tenzer, R., Hamayun, **P. Vajda**, and R. Riva (**2008)** Global map of the ice and sediment stripped BT gravity disturbances. AGU Fall Meeting, 15–19 December 2008, San Francisco, **California**, **USA** (poster)

(21) **Vajda P**., and L. Brimich (**2008)** On interpreting surface deformations and gravity changes for understanding volcanoes. The 1st WSEAS International Conference on ENVIRONMENTAL and GEOLOGICAL SCIENCE and ENGINEERING (EG'08), **Malta**, 11–13 September 2008 (oral)

(20) **Vajda, P**., P. Vaníček, P. Novák, R. Tenzer, A. Ellmann, and B. Meurers (**2008)** On ambiguities in definitions and applications of Bouguer gravity anomaly. IAG International Symposium on Gravity, Geoid and Earth Observation, 23–27 June 2008, Chania, **Crete**, **Greece**. (poster)

(19) **Vajda, P**., A. Ellmann, B. Meurers , P. Vaníček, P. Novák, and R. Tenzer (**2008)** Harmonic continuation and gravimetric inversion of gravity in areas of negative geodetic heights. IAG International Symposium on Gravity, Geoid and Earth Observation, 23–27 June 2008, Chania, **Crete**, **Greece**. (poster)

(18) **Vajda P**., A. Ellmann, B. Meurers, P. Vaníček, P. Novák, R. Tenzer (**2007)** On a refined global topographic correction to gravity disturbances. XXIV IUGG General Assembly, July 2–13, 2007, Perugia, **Italy**, (oral)

(17) Tenzer, R., A. Ellmann, P. Novák, **P. Vajda**, P. Vaníček, P. Moore (**2007)** The Earth's gravity field components of the differences between gravity disturbances and gravity anomalies. XXIV IUGG General Assembly, July 2–13, 2007, Perugia, **Italy**, (poster)

(16) Pánisová J. and **P. Vajda**. (**2007)** Analysis of synthetic TFM patterns for salt domes. XXIV IUGG General Assembly, July 2–13, 2007, Perugia, **Italy** (poster)

(15) Tenzer, R., P. Novák, A. Ellmann, and **P. Vajda** (**2006)** Far-zone effects in gravimetric geoid modelling by means of the surface truncation coefficients. 1st International Symposium of The International Gravity Field Service, August 28 – September 1, 2006, Istanbul, **Turkey**, (poster)

(14) **Vajda, P**., P. Vaníček, P. Novák, R. Tenzer and A. Ellmann (**2006)** Secondary indirect effects in gravimetry. 2-nd Workshop on International Gravity Field Research, Smolenice castle, Slovak Republic, May 8–9, 2006, (oral)

(13) **Vajda, P**., P. Vaníček and B. Meurers (**2006)** On the relation between anomalous gravity and the attraction of earth's subsurface anomalous density. 2-nd Workshop on International Gravity Field Research, Smolenice castle, Slovak Republic, May 8–9, 2006, (oral)

(12) Tenzer R., P. Novák, P. Moore, and **P. Vajda** (**2006)** Effect of atmosphere on the gravity anomaly. 2-nd Workshop on International Gravity Field Research, Smolenice castle, Slovak Republic, May 8–9, 2006, (oral)

(11) **Vajda P**. and J. Pánisová (**2006)** The geophysical indirect effect and its impact estimated for the territory of central Europe. 2-nd Workshop on International Gravity Field Research, Smolenice castle, Slovak Republic, May 8–9, 2006, (poster)

(10) **Vajda, P**. (**2006)** Inverse problem of gravimetry. 15-th Conference of Slovak Physicists, Stará Lesná, High Tatras, Slovak Republic, Sept. 11–14, 2006, (**invited plenary talk**)

(9) **Vajda, P**., Brimich, L., Jentzsch, G., Jahr, T., and Weise, A. (**2003)** Interpreting temporal changes of gravity using the TFM: Mayon volcano case study. 1st Workshop on International Gravity Field Research, Graz, **Austria**, May 8–9, 2003**,** (oral)

(8) **Vajda, P**., Brimich, L. (**2003)** Analytical derivation of the of the instant of the dimple pattern in 2D-truncation filtering methodology for a point source of heat geodynamic model. EGS-AGU-EUG Joint Assembly, Nice, **France**, April 6–11, 2003**,** (poster)

(7) **Vajda, P**., Brimich, L., Jentzsch, G., Jahr, T., and Weise, A. (**2003)** Interpreting temporal changes of gravity at Mayon using the TFM: preliminary results. Workshop „Time-variable deformation and gravity fields: theory, observations, and modelling." Casa de los Volcanes, **Lanzarote**, **Canary Islands**, **Spain**, February 18–21, 2003**,** (oral)

(6) **Vajda, P**. (**2003)** Interpreting the temporal changes of gravity by means of the truncation filtering methodology (TFM). Workshop „Time-variable deformation and gravity fields: theory, observations, and modelling", Casa de los Volcanes, **Lanzarote**, **Canary Islands**, **Spain**, February 18–21, 2003**,** (oral)

(5) **Vajda, P**., M. Bielik, and V. Pohánka (**2002)** An interpretation of the Kolárovo gravity anomaly using the truncation filtering methodology. The XVII Congress of Carpathian-Balkan Geological Association, Bratislava, Slovakia, September 1–4, 2002**,** (oral)

(4) **Vajda, P**. (**2000)** Interpreting gravity data by means of truncation filtering. 8th International Alpine Gravimetry Colloquium, Leoben, **Austria**, May 4–5, 2000**,** (oral)

(3) **Vajda, P**., P. Vaníček, Z. Martinec and M. Paton (**1993)** Truncated Geoid and the Inverse Gravimetric Problem: Progress Report. The CGU Annual Meeting, Banff, **Alberta**, **Canada**, May 9–11, 1993**,** (oral)

(2) **Vajda, P**., M.C. Santos, P. Vaníček, P. Ong and M.R. Craymer (**1992)** A Comparison of Geoidal Deflections Computed from the UNB´91 Geoid with Observed Astrodeflections. The 1992 Spring Meeting of AGU-CGU-MSA, Montreal, **Canada**, May 12–16, 1992, (oral)

(1) **Vajda, P**. (**1990)** Investigation of Possibility to Determine the Palaeointensity of the Thermoremanently Magnetised Synthetic Magnetite by the Method of Anhysteretic Magnetising. New Trends in Geomagnetism, Castle of Bechyne, South Bohemia, Czechoslovakia, Sept. 24–29, 1990, (oral)

Lectures (invited)

(7) **Vajda Peter** (**2018**). Issues to be treated carefully in interpretation of spatiotemporal gravity changes. Seminar of Institute of Geophysics and Tectonics, School of Earth and Environment, University of Leeds, **Leeds, UK**, 19 November 2018 (invited IGT seminar talk)

(6) **Vajda Peter**, I Prutkin, J Gottsmann, M Bielik, V Bezák, R Tenzer (**2014**) On some innovations in gravimetric inversion methodology: structural and geodynamic applications. 14 November 2014, Dublin Institute for Advanced Studies, Geophysics Section, **Dublin, Ireland** (invited lecture).

(5) **Vajda Peter**, Ilya Prutkin, Jo Gottsmann (**2013)** Reinterpretation of Teide 2004–2005 gravity changes by 3D line segments approximation. 15th annual conference of IAMG: Frontiers of Mathematical Geosciences: New approaches to understand the natural world, 2–6 Sept., 2013, **Madrid**, **Spain** (invited talk)

(4) Vajda, P (**2006**) On the definition, use and inversion of anomalous gravity. “Present Research in Advanced Geodesy” lecture series, Institute of Geodesy and Geophysics, TU Wien, **Vienna**, **Austria**, November 29, 2006 (invited lecture)

(3) Vajda, P (**2002**) Geodynamic Applications of the Truncation Filtering Methodology. Lecture at the Friedrich-Schiller-Universität Jena, Institut für Geowissenschaften, Jena, **Germany**, June 7, 2002

(2) Vajda, P (**2002**) Applications of the Truncation Filtering Methodology. Lecture at the Freie Universität Berlin, Insitut für Geologische Wissenschaften, Berlin, **Germany**, June 5, 2002

(1) Vajda, P (**1996**) Truncated geoid and the gravimetric inverse problem. Lecture at the Geodetic and Geophysical Research Institute in Sopron, **Hungary**, November 12, 1996