

LISTA ARTICOLELOR ȘI LUCRĂRILOR ȘTIINȚIFICE PUBLICATE ÎN URMA CERCETĂRII DOCTORALE

1. *Removal of crude oil from the water in order to reinject it into wells by heating* - **Carmen-Matilda Marinescu (Bădică)**, Cristescu Tudora, Silvian Suditu, Monica Emanuela Stoica, Bădică Marius-Nicolae, Georgescu (Jugăsteanu) Cristina Venera Maria, Ionescu (Goidescu) Nicoleta Mihaela; Petroleum-Gas University of Ploiești BULLETIN TECHNICAL Series, Vol. LXXI, Nr.2/2019, pag.23-28;
2. *Methodology for the analysis of industrial risks which indicate dangerous substances*- Bădică Marius- Nicolae, **Carmen- Matilda Marinescu (Bădică)**, Ionescu (Goidescu) Nicoleta Mihaela, Petroleum- Gas University of Ploiești, Bulletin Technical series, Vol. LXXI, Nr.2/2019, pag.63-73;
3. *Analysis with finite element, mef, seismic action for air conditions for natural gas transport*- Bădică Marius-Nicolae; **Carmen-Matilda Marinescu (Bădică)**; Ionescu (Goidescu) Nicoleta Mihaela, 610th International conferences on Engineering and Natural Science (ICENS) Moscow, Russian Federation 10th - 11th May, 2019, IRAJ INTERNATIONAL JOURNALS, ISBN 978-93-87405-18-9, pag 1-8, an apariție 2019 ;
4. *Treatment of water resulting from oil exploitation by flocculation - case study*- **Carmen Matilda Bădică**, Tudora Cristescu, Marius Nicolae Badica, Nicoleta Mihaela Goidescu, Cristina Venera Maria Jugasteanu, 19th International Multidisciplinary Scientific GeoConference & EXPO - SGEM 2019, Conference proceedings VOLUME 19, Science and Technologies in Geology, Exploration and Mining, Issue: 1.3, 30 June-6 July, 2019, Albena, Bulgaria, pag: 963- 969; <https://doi.org/10.5593/sgem2019/1.3> ;
5. *The role of 3d seismic interpretation for building structural model – case study in the Muntenia oil field (Romania)*- Goidescu (Ionescu) Nicoleta-Mihaela, Cristescu Tudora, Branoiu Gheorghe, **Marinescu (Bădică) Carmen-Matilda**, Badica Marius-Nicolae, GEOLINKS International Conference on GeoSciences, 2019, BOOK 1, Volume 1, pag.97-103;
6. *The three dimensional 3D geological model in a complex stratigraphic structure. Example: Field X, Moesian Platform, România*- Ionescu (Goidescu) Nicoleta Mihaela, **Carmen-Matilda Marinescu (Bădică)**, International Multidisciplinary Scientific Geoconference SGEM 2019, Volume 18/pag 3, an apariție 2018;
7. *Future procedures for improving injection water quality*- **Carmen Matilda Badica**, Tudora Cristescu, Silvian Suditu, Monica Stoica, Marius Nicolae Badica, Extended scientific Green Sessions- SGEM VIENNA GREEN, SGEM 2019, VOLUME 19/ISSUE 1.4, ISBN 978-619-7408-97-3, DOI: 10.5593/sgem2019V/1.4, pag 27- 34;
8. *An approach for atic oil concept of brown field from Romania – Eng. Ph.D Student nicoleta Mihaela Ionescu (Goidescu)*, **Eng. Ph.D Student Carmen- Matilda Badica (Marinescu)**, *Eng. Ph.D Student Cristina jugasteanu (Georgescu)*, Prof. dr. Eng. Tudora Cristescu, Assoc. Prof. Dr. Eng. Viorel- Eugen Vasiliu, Extended scientific Green Sessions- SGEM VIENNA GREEN, SGEM 2019, VOLUME 19/ISSUE 1.4, ISBN 978-619-7408-97-3, DOI: 10.5593/sgem2019V/1.4 , pag 11- 18;
9. *Water treatment resulting from the exploitation of gas deposit - case study*- **Eng. PhD. Student Carmen- Matilda Marinescu (Badica)**, Eng. PhD. Student Marius- Nicolae Badica, Assoc. Prof. Dr. Silvian Suditu, Assoc. Prof. Dr. Monica Emanuela Stoica, GEOLINKS International Conference on Environmental Sciences, 23-26 March 2020, Plovdiv, Bulgaria, Book 1, Volume 2, ISSN: 2603-5472, ISBN: 978-619-7495-07-2, DOI: 10.32008/GEOLINKS2020/B1/V2, pages: 269- 278;

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(continuare)

10. *Identification, evaluation and minimization of industrial risks relating to oil pipelines*- Eng. PhD. Student Marius- Nicolae Badica, **Eng. PhD. Student Carmen- Matilda Marinescu (Badica)** Assoc. Prof. Dr. Silvian Suditu, Assoc. Prof. Dr. Monica Emanuela Stoica, GEOLINKS International Conference on Environmental Sciences, 23-26 March 2020, Plovdiv, Bulgaria, Book 2, Volume 2, ISSN: 2603-5472, ISBN: 978-619-7495-09-6, DOI: 10.32008/GEOLINKS2020/B2/V2, pages: 63- 73;
11. *Identification, evaluation and minimization of industrial risks relating to gas pipelines*- Marius Nicolae Badica, **Carmen Matilda Marinescu (Badica)**, Silvian Suditu, Monica Emanuela Stoica, INTERNATIONAL CONFERENCE "CORROSION IN THE OIL AND GAS INDUSTRY"-CORROSION OIL & GAS 2020, Sankt Petersburg, May 20-22 2020, **în curs de publicare.**

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1. Fîță Daniel Nicolae, Bădică M. N., **Bădică Carmen Matilda**, Vișan N., *Evaluarea riscurilor asociate infrastructurilor critice din sectorul energetic*, Petroșani, Editura Universitas, 2019; ISBN 978-973-741-548-6;
2. Bădică M. N., **Bădică Carmen Matilda**, *Managementul riscurilor oleoductelor/gazoductelor și îmbunătățirea calității apei de zăcământ*, Petroșani, Editura Universitas, 2019; ISBN 978-973-741-574-5;
3. **Carmen Matilda Bădică**, M. N. Bădică, *Infrastructuri critice naționale din sectorul energetic. Apa de zăcământ, oleoductele și gazoductele*, Petroșani, editura Universitas, 2020; ISBN 978-973-741-712-1;
4. **Carmen Matilda Bădică**, *Tratarea apei în industria petrolieră*, Petroșani, Editura Universitas, 2020; ISBN 978-973-741-711-4.