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University training

- 03/2019 – 06/2023 **Ph.D.'s degree in Hydraulic Engineer and Sanitation**
University of São Paulo, Brazil.
Title: Adaptation measure for increasing water security in basins under change.
Advisor: Prof. Dr. Eduardo Mario Mendiondo.
- 01/2022 – 06/2022 **Visiting Ph.D.**
Albert-Ludwigs-Universität Freiburg, Germany.
Advisor: Dr. Manuela Irene Brunner.
- 02/2017 – 02/2019 **Master's degree in Environmental Technologies**
Federal University of Mato Grosso do Sul, Brazil.
Thesis: Assessing Water Security in the Sao Paulo Metropolitan Region Under Projected Climate Change.
Advisor: Prof. Dr. Paulo Tarso Sanches de Oliveira
- 02/2011 – 09/2016 **Bachelor's degree in Environmental Engineering**
Federal University of Mato Grosso do Sul, Brazil.
General Subjects: Calculus, physics, and chemistry.
Specific Subjects: Water and wastewater treatment, water quality, environmental impact evaluation, geology and underground water, hydrology, sediment transportations, soil erosion, solid waste management, water, sewer, and drainage network system, and environmental management.

Employment History

- 08/2023 **Postdoctoral researcher**
 Geosciences department at Pennsylvania State University
- 06/2016 – 01/2017 **Design Engineer (Internship)**
 Master Pro Engineering, Campo Grande, Mato Grosso do Sul, Brazil.
 ▪ Developed projects in the area of water and sewage systems; Analysis of technical proposals and municipal sanitation plans, compatibility of projects, physical and financial framework.
 Sector: Engineering Projects.
- 07/2014- 12/2015 **Laboratory Assistant (internship)**
 Underground and Contaminated Water Laboratory (LASAC), Campo Grande, Mato Grosso do Sul, Brazil.
 ▪ Assisted in laboratory analysis; Monitoring river flow and groundwater level.
 Sector: Groundwater Monitoring.

02/2012 – 07/2012

Teaching Assistant in Calculus II

Federal University of Mato Grosso do Sul, Campo Grande, Brazil.

- Help students with activities and exercises inside and outside the classroom;
- Tutoring hours before exams;
- Help the professor with class planning.

Sector: Academic.**Prizes, Awards, and Fellowships**

- **Allianz Climate Risk Award, 2022:** The Edition supports researchers whose work focuses on reducing the risk of extreme weather events that are intensified by climate change and fostering resilience by applying technological solutions.
- **Ph.D. mobility grant for 6 months, 2022:** Institutional Program for Internationalization (PrInt) of Coordination for the Improvement of Higher Education Personnel (CAPES), Brazil.
- **Best conference paper award** at the XII Brazilian Congress of Agroinformatics (third place), 2021. Silva, R. F., Benso, M. R., Gesualdo, G. C., Mendiondo, E. M., Saraiva, A. M., Marques, P. A. A., Delbem, A. C. B. Multi-objective methods for crop insurance premiums: framework proposal and a case study in surgarcane. In: *XIII Congresso Brasileiro de Agroinformática, 2021*, Bagé, Brazil.
- **Travel Grant, 2017:** from the American Geophysical Union to participate in the Fall Meeting of New Orleans, LA, USA.

Assist in Teaching Activities

- **Hydrology 2** at University of São Paulo, under the supervisor of Prof. Dr. Eduardo Mario Mendiondo (08/2021 - 12/2021).
- **Design of wastewater collection systems** at University of São Paulo, under the supervisor of Prof. Dr. Eduardo Mario Mendiondo (01/2021 - 07/2021).
- **Hydrology** at University of São Paulo, under the supervisor of Prof. Dr. Eduardo Mario Mendiondo (08/2020 - 12/2020).
- **Hydrology** at Federal University of Mato Grosso do Sul, under the supervisor of Prof. Dr. Paulo Tarso Sanches de Oliveira (08/2017 - 07/2018).

Events Organization and Volunteering

- **Assisted in the planning and execution** of the School of Advanced Sciences on Water & Societies under Change (SASW&SC): SWAT Applied to Water Security under Climate Change, São Carlos, SP, Brazil. (09/2019).
- **Volunteer for Poster Help Desk** at the American Geophysical Union Fall Meeting, Washington DC, USA. (12/2018).
- **Volunteer for Centennial Survey Team** at the American Geophysical Union Fall Meeting, New Orleans, LA, USA. (12/2017).
- **Planned and organized events to raise funds** for the Environmental Engineering graduation class of 2016.
- **Volunteer monitor** in the II environmental and Social Exposition of Bonito, Bonito, Mato Grosso do Sul, Brazil. (06/2011).
- **Assisted in the planning and execution** of the I Groundwater Symposium of Mato Grosso do Sul, Campo Grande, Mato Grosso do Sul, Brazil. (09/2012).

Evaluation Committee

- Participation in the evaluation committee of Isabela de Oliveira Gallindo's qualification for the master's degree at Federal University of Mato Grosso do Sul. (08/2023).
- Participation in the evaluation committee of Gabriela Souza Brito's senior thesis for the Environmental Engineering Bachelor's Degree at Federal University of Mato Grosso do Sul. (11/2022).

- Participation in the evaluation committee of Fábio Hideki Tabata Hirose's senior thesis for the Civil Engineering Bachelor's Degree at the University of São Paulo. (07/2021)
- Participation in the evaluation committee of Vivian Jochelaviciu's senior thesis for the Civil Engineering Bachelor's Degree at the University of São Paulo. (07/2021).
- Participation in the evaluation committee of Juliene Gonçalves de Almeida Garcia's senior thesis for the Environmental Engineering Bachelor's Degree at Federal University of Mato Grosso do Sul. (06/2019).
- Participation in the evaluation committee of Guilherme Cabral's senior thesis for the Civil Engineering Bachelor's Degree at Federal University of Mato Grosso do Sul. (11/2018).
- Participation in the evaluation committee of Gabriela Nakasato's senior thesis for the Civil Engineering Bachelor's Degree at Federal University of Mato Grosso do Sul. (06/2018).
- Participation in the evaluation committee of Luiz Claudio Galvão do Valle Junior's senior thesis for the Environmental Engineering Bachelor's Degree at the Federal University of Mato Grosso do Sul, Brazil. (08/2017)

Short training

- Participation in the Summer School "**Climate Change and Water Security in Urbanized Watersheds**" hosted by Water Institute and the Interdisciplinary Centre on Climate Change (IC3) of the University of Waterloo, (06/2021).
- Participation in the "**São Paulo School of Advanced Science on Climate Change: Scientific Basis, Adaptation, Vulnerability and Mitigation**" hosted by the Interdisciplinary CLimate INvestigation cEnter (INCLINE) and the Inter-American Institute for Global Change Research (IAI) in the University of São Paulo, (07/2017).

Personal Skills

Mother tongue	Portuguese				
Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C2
Spanish	B2	B2	B1	B1	B1
German	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

- Communication skills**
- Good communication skills gained through my experience as a teaching assistant and congress presentations;
 - Ability to share knowledge and learn with others gained through my experience in my master's classes and São Paulo School of Advanced Science on Climate Change;
 - Expressing opinions and thoughts in a professional field gained through my internship in an engineering company.

- Organizational/managerial skills**
- leadership, teamwork, and delegation (currently responsible for 4 undergraduate students);
 - Organize, coordinate and promote events (event organization at the state level and raising funds events);
 - Detail orientations (as a teaching assistant);
 - Problem-solving, time management, and meeting deadlines (as an intern in a company);
 - Independent work including planning and performing activities with minimum supervision.

- Job-related skills**
- Hydrological Modelling;

	<ul style="list-style-type: none"> ▪ Perform and monitor physical-chemical analyses, river flow, and ground level; ▪ Write technical reports; ▪ Water and sewage executive projects; ▪ Identify problems and seek solutions;
Digital skills	Good command of Matlab Software, Python programming language, GIS (QGIS and ArcGIS), hydrological models SWAT+ and Hymod;
Other skills	Open water diver (I can dive and take samples to a depth of 18 m/ 59 ft)

Publication list

Peer-reviewed publications

1. Benso, M. R., **Gesualdo, G. C.**, Silva, R. F., Silva, G. J., Castillo Rápalo, L. M., Navarro, F. A. R., Marques, P. A. A., Marengo, J. A., and Mendonado, E. M.: Review article: Design and evaluation of weather index insurance for multi-hazard resilience and food insecurity, **Nat. Hazards Earth Syst. Sci.**, <https://doi.org/10.5194/nhess-23-1335-2023>, 2023.
2. **Gesualdo, G.C.**, Benso, M. R., Navarro, F. A. R., Castillo, L. M., and Mendiondo, E. M. Mitigating drought financial risk for water supply sector through Index-based insurance. *Proc. IAHS*, 385, 2022.
3. Ballarin, A.S., Sone, J.S., **Gesualdo, G.C.**, Schwaback, D., Reis, A., Almagro, A., and Wendland, E.C. CLIMBra – Climate Change Dataset for Brazil. **Scientific Data**, <https://doi.org/10.1038/s41597-023-01956-z>, 2023.
4. Van Hateren, T.S, Jongen, H.J., Al-zawaidah, H., **Gesualdo, G.C.** et al. Where should hydrology go? An early-career perspective on the next IAHS Scientific Decade: 2023-2032. **Hydrological Sciences Journal**, <https://doi.org/10.1080/02626667.2023.2170754>, 2023.
5. Sone, J.S., Araujo, T.F., **Gesualdo, G.C.** et al. Water Security in an Uncertain Future: Contrasting Realities from an Availability-Demand Perspective. **Water Resour Manage**, <https://doi.org/10.1007/s11269-022-03160-x>, 2022.
6. Schwaback, D., **Gesualdo, G. C.**, Sone, J. S., Kobayashi, A. N. A., Bertotto, L. E., Garcia, M. V. S., Almagro, A., and Oliveira, P. T. S. Are Brazilian catchments gaining or losing water? The effective area of tropical catchments, **Hydrological Processes**, <https://doi.org/10.1002/HYP.14535>, 2022. V. 36(3), e14535, 2022.
7. **Gesualdo, G. C.**, Sone, J. S., Galvão, C. O., Martins, E. S., Montenegro, S. M. G. L., Tomasella, J., Mendiondo, E. M. Unveiling Water Security in Brazil: Current Challenges and Future Perspectives, **Hydrological Sciences Journal**, <https://doi.org/10.1080/02626667.2021.1899182> v. 66, 2021.
8. Navarro, F. A. R., **Gesualdo, G. C.**, Rápalo, L. M. C., Benso, M. R., Ferreira, R. G., Macedo, M. B., Mendiondo, E. M. A Novel Multistage Risk Management Applied to Water-Related Disaster Using Diversity of Measures: A Theoretical Approach, **Ecohydrology & Hydrobiology**, 2021.
9. **Gesualdo, G. C.**, Oliveira, P. T. S., Rodrigues, D. B. B., and Gupta, H. V.: Assessing Water Security in the Sao Paulo Metropolitan Region Under Projected Climate Change, **Hydrol. Earth Syst. Sci.**, <https://doi.org/10.5194/hess-2019-134>, v. 23, p. 4955-4968, 2019.
10. Sone, J. S., **Gesualdo, G. C.**, Zamboni, P. A.P., Vieira, N.O.M., Mattos, T. S., Carvalho, G. A., Rodrigues, D. B.B., Sobrinho, T. A., Oliveira, P. T. S. Water Provisioning Improvement Through Payment for Ecosystem Services. **Science of the Total Environment**, <https://doi.org/10.1016/j.scitotenv.2018.11.319>. v. 655, p. 1197-1206, 2018.

Conferences presentations

1. Oral presentation of “Learning from Spatially Compounding Drought Events to Multi-Hazard Risk Adaptation in Brazil” at the American Geophysical Union Fall Meeting, Chigado, USA. December 2022.
2. Oral Presentation of “Spatiotemporal distribution of hydrological extremes in Brazil” at the EGU General Assembly 2022, Vienna, Austria. May 2022.

3. Oral Presentation of “The Context of Indexed Insurance as a Tool for Adaptation to Extreme Events” at the Brazilian Symposia of Water Resources, Belo Horizonte, MG, Brazil. November 2021.
4. Oral Presentation of “A Summary of: Unveiling Water Security in Brazil - Current Challenges and Futures Perspectives” at the Brazilian Symposia of Water Resources, Belo Horizonte, MG, Brazil. November 2021
5. Virtual discussion of “Developing Resilience to Hydrologic Extremes in Irrigated Agriculture Through Risk Transfer Mechanisms in the Context of Southeastern Brazil” at the EGU General Assembly 2021, April 2021.
6. Virtual discussion of “Insurance Fund as an Adaptation Measure for Increasing Water Security in Basins Under Change” at the EGU General Assembly 2020, May 2020.
7. Oral Presentation of “Projected Climate Change Effects on Water Availability of the Metropolitan Region of São Paulo” at the Brazilian Symposia of Water Resources, Foz do Iguaçu, PR, Brazil. November 2019.
8. Poster Presentation of “Integration of Ecosystem Services and Water Security: A Water Resource Management Approach in Basins under Change” at the Brazilian Symposia of Water Resources, Foz do Iguaçu, PR, Brazil. November 2019.
9. Poster Presentation of “Assessing Water Security in the Sao Paulo Metropolitan Region Under Projected Climate Change” at the American Geophysical Union Fall Meeting, Washington DC, USA. December 2018.
10. Poster Presentations of “Spatio-temporal Analysis of Soil Erosion Using Remote Sensing to Evaluate PES (Payments for Ecosystem Services)” at the GRSS Young Professionals and ISPRS SC Summer School, Campo Grande, Brazil. October 2018.
11. Poster presentation of “The Future of Water Security in Metropolitan Region of Sao Paulo Through Different Climate Scenarios” at the American Geophysical Union Fall Meeting, New Orleans, LA, USA. December 2017.
12. Poster presentation of “Projections of Climate Change Effects on Discharge in an Agricultural Basin” at São Paulo School of Advanced Science on Climate Change, São Paulo, SP, Brazil. July 2017.
13. Presentation of “Hydrochemistry of Underground and Surface Waters in The Environmental Protection Area of Guariroba River Basin, Campo Grande-MS” at XIX Brazilian Underground Water Congress, Campinas, SP, Brazil. September 2016.

Conferences publications

1. **Gesualdo, G. C.**; Brunner, M. I.; Mendiando, E. M. *Learning from Spatially Compounding Drought Events to Multi-Hazard Risk Adaptation in Brazil*. In: AGU fall meeting, **2022**.
2. **Gesualdo, G. C.**; Benso, M. R.; Brunner, M. I.; Mendiando, E. M. *Spatiotemporal distribution of hydrological extremes in Brazil*. In: EGU General Assembly, **2022**.
3. Schwambach, D.; Sone, J. S.; **Gesualdo, G. C.**; Watanabe, A.; Zepon, F.; Scutti, L.; Castro, L.; Wendland, E. *How do runoff and soil loss vary over time in subtropical areas?*. In: EGU General Assembly, **2022**.
4. Sone, J. S.; **Gesualdo, G. C.**; Schwambach, D.; Wendland, E.; Brouwer, R. *Public perception of droughts and water shortages and metropolitan willingness to pay for water saving measures to improve water security*. In: EGU General Assembly, **2022**.
5. **Gesualdo, G. C.**; Benso, M. R.; Navarro, F. A. R.; Rapalo, L. M. C.; Mendiando, E. M. *Index-based Insurance to Mitigate Drought Financial Losses for Water Supply Sector*. In: IAHS 2022 Scientific Assembly, **2022**.
6. Benso, M. R.; Silva, R. F.; **Gesualdo, G. C.**; Mendiando, E. M.; Saraiva, A. M.; Marques, P. A. A.; Delbem, A. C. B. *Artificial intelligence for agricultural drought monitoring based on soil moisture and crop yield under change*. In: IAHS 2022 Scientific Assembly, **2022**.
7. Silva, R. F.; Benso, M. R.; **Gesualdo, G. C.**; Mendiando, E. M.; Saraiva, A. M.; Marques, P. A. A.; Delbem, A. C. B. *Multi-objective methods for crop insurance premiums: framework proposal and a case study in sugarcane*. In: XIII Congresso Brasileiro de Agroinformática, **2021**, Bagé.
8. Garcia, J. G. A.; Rodrigues, D. B. B.; Oliveira, P. T. S.; **Gesualdo, G. C.**; Araujo, T. F. *Disponibilidade hídrica futura em bacia de abastecimento público de água*. In: XXIV Simpósio Brasileiro de Recursos

Hídricos, **2021**, Belo Horizonte.

9. Navarro, F. A. R.; Benso, M. R.; **Gesualdo, G. C.**; Rapalo, L. M. C.; Passos, V. E. A.; Silva, P. F.; Mendiondo, E. M. *Novas Oportunidades para Segurança Hídrica e Resiliência a Riscos de Desastres Naturais: WTP, WTA E WTADAPT*. In: XXIV Simpósio Brasileiro de Recursos Hídricos, **2021**, Belo Horizonte.
10. **Gesualdo, G. C.**; Benso, M. R.; Navarro, F. A. R.; Rapalo, L. M. C.; Mendiondo, E. M. *O Contexto do Seguro Indexado como Ferramenta de Adaptação a Eventos Extremos*. In: XXIV Simpósio Brasileiro de Recursos Hídricos, **2021**, Belo Horizonte.
11. Rapalo, L. M. C.; Benso, M. R.; **Gesualdo, G. C.**; Navarro, F. A. R.; Mendiondo, E. M. *Parallelization of Multi-Risk Insurance Model for Hydrological Extremes: A Conceptual Approximation*. In: XXIV Simpósio Brasileiro de Recursos Hídricos, **2021**, Belo Horizonte.
12. Benso, M. R.; **Gesualdo, G. C.**; Rapalo, L. M. C.; Navarro, F. A. R.; Mendiondo, E. M. *Não Estacionariedade de Eventos Hidrológicos Extremos como critério de Adaptação no Contexto de Seguros Indexados*. In: XXIV Simpósio Brasileiro de Recursos Hídricos, **2021**, Belo Horizonte.
13. Da Silva, R. F.; **Gesualdo, G. C.**; Benso, M. B.; Fava, M. C.; Mendiondo, E. M.; Saraiva, A. M.; Delbem, A. C. B. *A data-driven framework for identifying productivity zones and the impact of agricultural droughts in sugarcane using SPI and unsupervised learning*. In: 2021 IEEE International Workshop on Metrology for Agriculture and Forestry (MetroAgriFor), Trento-Bolzano. **2021**. v. 1. p. 226.
14. Fava, M. C.; Da Silva, R. F.; **Gesualdo, G. C.**; Benso, M. R.; Mendiondo, E. M.; Saraiva, A. M.; Delbem, A. C. B.; Padovani, C. R. *Automatic Spatial Rainfall Estimation on Limited Coverage Areas*. In: 2021 IEEE International Workshop on Metrology for Agriculture and Forestry (MetroAgriFor), Trento-Bolzano. **2021**. v. 1. p. 232.
15. Schwambach, D.; **Gesualdo, G. C.**; Sone, J. S.; Kobayashi, A. N. A.; Bertotto, L. E.; Garcia, M. V. S.; Almagro, A.; Oliveira, P. T. S.; Wendland, E. *Do Brazilian Catchments Gain or Lose Water?*. In: XXIV Simpósio Brasileiro de Recursos Hídricos, **2021**, Belo Horizonte.
16. **Gesualdo, G. C.**; Sone, J. S.; Galvão, C. O.; Martins, E. S.; Montenegro, S. M. G. L.; Tomasella, J.; Mendiondo, E. M. *A Summary of: Unveiling Water Security in Brazil - Current Challenges and Futures Perspectives*. In: XXIV Simpósio Brasileiro de Recursos Hídricos, **2021**, Belo Horizonte.
17. Benso, M. R.; Gesualdo, G. C.; Mendiondo, E. M.; Ribbe, L.; Nauditt, A. *Developing resilience to hydrologic extremes in irrigated agriculture through risk transfer mechanisms in the context of southeastern Brazil*. In: EGU General Assembly, **2021**, Gather Online.
18. Benso, M. R.; Silva, R. F.; **Gesualdo, G. C.**; Navarro, F. A. R.; Rapalo, L. M. C.; Mendiondo, E. M. *Risk transfer for mitigating threats on water resources services under global changes*. In: 1ª Conferência Latino-Americana de Saúde e Educação ambiental: das mudanças climáticas à qualidade de vida nas cidades, **2021**.
19. Passos, V. E. A.; Rapalo, L. M. C.; **Gesualdo, G. C.**; Mendiondo, E. M.; Montenegro, S. M. G. L. *Social Participation and Integrated Methodologies: A new way to understand urban resilience into extreme hydrological events in Latin America*. In: Delft Internacional Conference on Sociohydrology, **2021**, Delft.
20. **Gesualdo, G. C.**; Souza, F. A. A.; Mendiondo, E. M. *Insurance Fund as an Adaptation Measure for Increasing Water Security in Basins Under Change*. In: EGU General Assembly, **2020**.
21. Sone, J. S.; **Gesualdo, G. C.**; Rosalem, L. M. P.; Oliveira, P. T. S.; Wendland, E. *Trade-offs, synergies and economic relationships among ecosystem services*. In: EGU General Assembly, **2020**.
22. Souza, F. A. A.; **Gesualdo, G. C.**; Sivapalan, M.; Mendiondo, E. M. *Interactions, and feedbacks between water availability and domestic consumption in São Paulo Metropolitan Area*. In: EGU General Assembly, **2020**.
23. **Gesualdo, G. C.**; Mendiondo, E. M. *Integração de Serviços Ecossistêmicos e Segurança Hídrica: Uma Abordagem de Gestão dos Recursos Hídricos em Bacias sob Mudanças*. In: XXIII Simpósio Brasileiro de Recursos Hídricos, **2019**, Foz do Iguaçu.
24. Cobalchini, E. R. O.; Oliveira, T. R. P.; Ishizawa, Y. B.; Oliveira, T. H.; Sone, J. S.; **Gesualdo, G. C.**; Fialho, H. C. P.; Castro, E. L. H.; Sousa, B. J. O.; Kobayashi, A. N. A.; Mendiondo, E. M. *Estratégia Pedagógica: Resolução de Problemas de Recursos Hídricos Sob Abordagem Holística*. In: XXIII Simpósio Brasileiro de

Recursos Hídricos, **2019**, Foz do Iguaçu.

25. Sone, J. S.; **Gesualdo, Gabriela C.**; Siqueira, P. P.; Zamboni, P. A. P.; Pereira, R. B.; Carvalho, Glauber A.; Oliveira, P. T. S. Assessing Integrated Agricultural Systems for Developing Food Security. In: American Geophysical Union Fall Meeting 2018, **2018**, Washington D.C.
26. Pereira, R. B.; Zamboni, P. A. P.; **Gesualdo, G. C.**; Siqueira, P. P.; Sone, J. S.; Goncalves, F. V.; Bleninger, T. B. *Particle Image Velocimetry Analysis for the Assessment of Bedload Sampling Using Helley-Smith*. In: American Geophysical Union Fall Meeting 2018, **2018**, Washington D.C.
27. **Gesualdo, G. C.**; Siqueira, P. P.; Sone, J. S.; Zamboni, P. A. P.; Pereira, R. B.; Oliveira, P. T. S. *Projected Climate Change Effects on Water Availability of the Metropolitan Region of São Paulo*. In: American Geophysical Union Fall Meeting 2018, **2018**, Washington D.C.
28. Siqueira, P. P.; **Gesualdo, G. C.**; Pereira, R. B.; Zamboni, P. A. P.; Sone, J. S.; Oliveira, P. T. S. *Food-Energy-Water Security Considering Climate and Land Use Changes in the São Francisco River Basin*. In: American Geophysical Union Fall Meeting 2018, **2018**, Washington D.C.
29. **Gesualdo, G. C.**; Oliveira, P. T. S.; Rodrigues, D. B. B. *The Future of Water Security in Metropolitan Region of São Paulo Through Different Climate Scenarios*. In: AGU Fall Meeting, **2017**, New Orleans.
30. **Gesualdo, G. C.**; Oliveira, P. T. S.; Rodrigues, D. B. B. *Projections of Climate Change effects on Discharge in an Agricultural Basin*. In: São Paulo School of Advanced Science on Climate Change: Scientific basis, adaptation, vulnerability and mitigation, **2017**, São Paulo.
31. Leite, P. C. C.; **Gesualdo, G. C.**; Batista, C. S. P.; Lastoria, G.; Gabas, S. G.; Azoia, T. S.; Cavazzana, G. H.; Casadei, J. M. *Hidroquímica das Águas Subterrâneas e Superficiais na Área de Proteção Ambiental do Córrego Guariroba, Campo Grande-MS*. In: Congresso Brasileiro de Águas Subterrâneas, **2016**, Campinas
32. Batista, C. S. P.; **Gesualdo, G. C.**; Leite, P. C. C.; Lastoria, G.; Gabas, S. G.; Azoia, T. S.; Cavazzana, G. H.; Casadei, J. M. *Aplicação do Método GOD Para Avaliação de Vulnerabilidade de Aquífero Livre em Bacia Hidrográfica*. In: XIX Congresso Brasileiro de Águas Subterrâneas, **2016**, Campinas.

Interviews, panel discussions, and media commentaries

1. Gesualdo, G. C.; Benso, M. R.; Mendiondo, E. M. Cientistas estudam seguro que ameniza prejuízos causados por secas e enchentes. 2021. [Link](#)
2. Gesualdo, G. C.. Pesquisadores da USP São Carlos criaram modelos de seguro adaptado. 2021. [Link](#)
3. Gesualdo, G. C.; Benso, M. R.; Mendiondo, E. M. Bolsistas da CAPES estudam novo seguro contra secas e inundações. 2021. [Link](#)
4. Gesualdo, G. C.; Sone, J. S.; Schwamback, D. Geoprocessamento na Análise de Conservação da Água e Solo. 2021. [Link](#)