Personal information

First name, Surname:	Tatiana Francischinelli Rittl		
Date of birth:	16/11/1984	Sex:	Female
Nationality:	German and Brazilian		
Researcher unique identifier(s) (ORCID, ResearcherID):	ORCID: 0000-0003-3837-4078 ResearcherID: D-2758-2015		
URL for personal website:	https://www.norsok.no/ansatte/tatiana-rittl		

Education

Year	Faculty/department - University/institution - Country
2015	Ph.D. Soil Quality Department – Wageningen University – The Netherlands
2011	Master Soil Science Department - São Paulo University – Brazil with internship at Guelph University, Canada

Positions - current and previous

Year	Job title – Employer - Country
2019-Present	Researcher - Norwegian Centre for Organic Agriculture (NORSØK) - Norway
2019-2020	Researcher – Norwegian University of Life Sciences (NMBU) – Norway
2017-2018	Visiting Researcher - Institute of Meteorology and Climate Research (KIT) - Germany
2015-2018	Postdoctoral Researcher - São Paulo University (USP) – Brazil
2008-2009	Environmental Science Teacher - São Paulo State Technical State School - Brazil

Project management experience in the last 4 years

Year	Project owner - Project - Role - Funder
2023-	NORSUS- Transforming Marine Residuals into Energy and Sustainable Fertilizer – **WP leader** - Forskningsmidlene for jordbruk og matindustri.
2023-	NIBIO - Understanding the effect of cover crops on soil health, soilborne pathogens, yield and quality of potatoes and root vegetables - **WP leader –** Norwegian research council
2023-	EMBRAPA - Enhancing soil conservation and regenerative practices to maximize carbon storage and minimize greenhouse gas emissions – **Leading the Norwegian team** – EJP Soil
2022-	NORSØK – Effects of anaerobically digested manure on soil – **Project leader** – initially funded by Norwegian Research Council

2021-	NIBIO – Assessment of cover cropping as climate action in cereal production in Norway (CAPTURE) – **WP leader** - Forskningsmidlene for jordbruk og matindustri og Statsforvalteren i Trøndelag

Supervision of students

Master's students	Ph.D. students	University/institution - Country
4	2	NMBU – Norway, RPTU – Germany, SLU-Sweeden
	2	São Paulo University – Brazil

Track record

For the complete list of publications: Person #1102372 - Tatiana Francischinelli Rittl - Cristin

1. **Relevant papers published in peer-reviewed journals last 5 years:**

1. **Rittl, T.F**; Pommeresche, R.; Johansen, A.; Steinshamn, H.; Riley, H.; Løes, AK. (2023) Anaerobic digestion of dairy cattle slurry—long-term effects on crop yields and chemical soil characteristics. Org. Agr. Volume 13, pages 547–563.
2. Olesen, J. E., … **Rittl, T**., et al., (2023) Challenges of accounting nitrous oxide emissions from agricultural crop residues. Global Change Biology, 29, 6846–6855.
3. **Rittl, T.**; Grønmyr, F.; Bakken, I.; Løes, AK. (2023) Effects of organic amendments and cover crops on soil characteristics and potato yields. Acta Agriculturae Scandinavica, Section B – Soil & Plant Science, 73 (1), pp. 13-26.
4. Duarte, S. J.; Pellegrino, C.E.P.; **Rittl, T.F**.; Abbruzzin, T.; Pano, B. L. P. (2023) Biochar Physical and Hydrological Characterization to Improve Soil Attributes for Plant Production. Journal of Soil Science and Plant Nutrition. Volume 23, pages 3051–3057.
5. Abalos, D., **Rittl, T.F**., Recous, S., Thiébeau, P., Topp, C.F.E., van Groeningen, K.J., Butterbach-Bahl, K., Thorman, R.E., Smith, K.E., Ahuja, I., Olesen, J.E., Bleken, M.A., Rees, R.M., & Hansen, S. (2022). Predicting field N_2O emissions from crop residues based on their biochemical composition: a meta-analytical approach. Science of the Total Environment. 152532.
6. Bleken, M.A. & **Rittl, T.F**. (2022). Soil pH-increase strongly mitigated N_2O emissions from ploughing of grass and clover swards in autumn: a winter field study. Science of the Total Environment. 154059.
7. Bleken, M.A.; **Rittl, T.;** Nadeem, S.N.; Hansen, S. (2022). Roots and other residues from leys with or without red clover: Quality and effects on N_2O emission factors in a partly frozen soil following autumn ploughing. Science of the Total Environment. 154582.
8. Abalos, D; Recous, S.; Butterbach-Bahl, K.; Notaris, C.; **Rittl, T.F.**; Topp, C F E; Søren, P.O.; Hansen, S.; Bleken, M.A.; Rees, R M and Olesen, J.E. (2022). A review and meta-analysis of mitigation measures for nitrous oxide emissions from crop residues. Science of the Total Environment. 154388
9. **Rittl, T.F.,** Oliverira, D.M.S., Canisares, L.P., Sagrilo, E., Butterbach-Bahl, K., Dannenmann, M., & Cerri, C. E. P. (2021). High application rates of biochar to mitigate N_2O emissions from a N-fertilized tropical soil under warming conditions. Frontiers in environmental Science 8:611873.
10. **Rittl, T.F.**, Canisares, L., Sagrilo, E., Butterbach-Bahl, K., Dannenmann, M., & Cerri, C. E. P. (2020). Temperature sensitivity of soil organic matter decomposition varies with biochar application and soil type. Pedosphere, 30(3), 336–342.