



Datos Generales Investigadores Registrados

Nombre Completo	Freddy Ángel Soria Cespedes		
Grado Académico	PhD Ingeniería Civil y Ambiental		
Universidad	Tohoku University, Japón		
Fecha de titulación	10-9-2010		
Nacionalidad	Boliviano		
CI	4326794	Expedido en	La Paz
Teléfono		Celular	77559450
Correo electrónico	fsoria@ucb.edu.bo		
Sede en la que trabaja	La Paz		
Unidad en la que trabaja	Ingeniería ambiental		
Tipo de vinculación con la Universidad	DTC		
Áreas de interés en la investigación	Recursos hídricos		

Experiencia en Investigación

Tohoku University, abril 2005-marzo 2011
Universidad Católica Boliviana San Pablo, julio 2017-presente

Publicaciones

- Análisis multitemporal y especial del sedimento depositado en el embalse San Jacinto. Disponible en: <https://doi.org/10.24850/j-tyca-2024-05-09>
- Risk factors for enteric diseases transmission through street vended juices: Assessment from empirical data in La Paz, Bolivia. Disponible en: <https://ehp.niehs.nih.gov/doi/abs/10.1289/isee.2024.1445>
- Elaboration of biomaterials from coffee wastes. Disponible en: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85179156187&origin=resultslist>
- Conceptual design of a rainwater harvesting system at the Universidad Católica Boliviana San Pablo. Disponible en: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85150343689&origin=resultslist>
- Genomic analysis of sewage from 101 countries reveals global landscape of antimicrobial resistance. Disponible en: <https://www.nature.com/articles/s41467-022-34312-7>
- Detection and assessment of the antibiotic resistance of Enterobacteriaceae recovered from bioaerosols in the Choqueyapu River area, La Paz – Bolivia. Disponible en: <https://www.sciencedirect.com/science/article/abs/pii/S0048969720368716?via%3Dihub>
- Evaluation of the Vicia faba seed flour efficiency for turbidity removal in drinking water treatment. Case study: Copacabana, Bolivia. Disponible en: <https://ieeexplore.ieee.org/document/9619677>
- Detection and Quantification of Enteric Pathogens in Aerosols Near Open Wastewater Canals in Cities with Poor Sanitation. Disponible en: <https://pubs.acs.org/doi/10.1021/acs.est.1c05060>



ADMINISTRACIÓN NACIONAL DE INVESTIGACIÓN, DESARROLLO E INNOVACIÓN

- Antimicrobial resistance genes are enriched in aerosols near impacted urban surface waters in La Paz, Bolivia. Disponible en: <https://www.sciencedirect.com/science/article/abs/pii/S0013935121000244?via%3Dihub>
- Bioaerosol sampling optimization for community exposure assessment in cities with poor sanitation: A one health cross-sectional study. Disponible en: <https://www.sciencedirect.com/science/article/pii/S0048969720330126>
- Assessment of antibiotic resistant coliforms from bioaerosol samples collected above a sewage-polluted river un La Paz, Bolivia. Disponible en: <https://www.sciencedirect.com/science/article/abs/pii/S1438463919309812>
- Multicriteria analysis for identifying fire risk zones in the biological reserve of the Sama Cordillera, Bolivia. Disponible en: <https://ieeexplore.ieee.org/document/9165594>
- Guía metodológica para la elaboración de balances hídricos superficiales. Disponible en: https://www.researchgate.net/publication/318646276_Guia_metodologia_para_la_elaboracion_de_balances_hidricos_superficiales_version_resumida
- Monitoreo hidrológico para el estudio preliminar de relaciones precipitación-escorrentía en microcuencas con presencia de bofedales, en la Cordillera occidental de Los Andes, Bolivia. Disponible en: <https://cambioclimaticoyagua.org.bo/YatinUta/wp-content/uploads/2022/09/Anexo-13-Modelamiento-hidrologico-Soria-2013c.pdf>
- Levantamiento del medio geofísico, relaciones precipitación-escorrentía en la cuenca del río Sajama y en las microcuencas Sururía y Jaruma. Disponible en: <https://cambioclimaticoyagua.org.bo/YatinUta/wp-content/uploads/2022/09/IF-Geofisica-precipitacion-y-escorrentia-Soria-2014.pdf>
- Assessing streamflow source areas investigation through uncertainty evaluation of numerical experiments in small catchments. Disponible en: <https://onlinelibrary.wiley.com/doi/10.1002/hyp.8304>
- Relevance of the uncertainty in evapotranspiration inferences for surface water balance projections in mountainous catchments. Disponible en: https://www.researchgate.net/publication/282077356_Relevance_of_the_uncertainty_in_evapotranspiration_inferences_for_surface_water_balance_projections_in_mountainous_catchments
- Potential effects of climate change in the tropical Andes. Disponible en: https://www.jstage.jst.go.jp/article/jsceihe/67/4/67_4_179/article-char/ja
- Evaluation of the Effects of an El Niño event on glacier melting rate. Disponible en: <http://library.jsce.or.jp/jsce/open/00028/2010/54-0005.pdf>
- Evaluation of predictive uncertainty in distributed rainfall-runoff models. Disponible en: https://www.jstage.jst.go.jp/article/prohe1990/52/0/52_0_73/article
- Monte Carlo experiments for uncertainty investigation of glacier melt discharge predictions through surface energy balance analysis. Disponible en: <https://iahs.info/uploads/dms/16853.22-103-108-346-15-Soria-h02corr.pdf>
- Sensitivity analysis to evaluate the effect of land use change on discharge rate. Disponible en: <https://tohoku.elsevierpure.com/en/publications/sensitivity-analysis-to-evaluate-the-effect-of-land-use-change-on>
- Sensitivity analysis of distributed rainfall-runoff models. Disponible en: https://www.researchgate.net/publication/241000820_Sensitivity_Analysis_of_Distributed_Rainfall-Runoff_Models
- Evaluation of climate change effects on discharge generation in a heterogeneous watershed. Disponible en: <https://www.iahr.org/library/infor?pid=10282>
- Effect of leachate from sanitary landfills in the pollution of lakes and rivers. Disponible en: <https://www.iahr.org/library/infor?pid=10285>
- Variations of the albedo due to climate change in an Andean region of Bolivia. Disponible en: https://www.researchgate.net/publication/303446040_VARIATIONS_OF_THE_ALBEDO_DUE_TO_CLIMATE_CHANGE_IN_AN_ANDEAN_REGION_OF_BOLIVIA



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- Evaluation of climate change effects on glacier area and vegetation using remote sensing imagery. Disponible en: https://www.researchgate.net/profile/Freddy-Soria-2/publication/303446252_EVALUATION_OF_CLIMATE_CHANGE_EFFECTS_ON_GLACIER_AREA_AND_VEGETATION_USING_REMOTE_SENSING_IMAGERY/links/5743579c08aea45ee84d0ed6/EVALUATION-OF-CLIMATE-CHANGE-EFFECTS-ON-GLACIER-AREA-AND-VEGETATION-USING-REMOTE-SENSING-IMAGERY.pdf
- Evaluation of predictive uncertainty in distributed rainfall-runoff models. Disponible en: https://www.jstage.jst.go.jp/article/prohe1990/52/0/52_0_73/article/-char/ja/
- Distributed model parameter estimation in heterogeneous regions: a case study in poorly gauged Andean basins. Disponible en: <https://www.iahr.org/library/infor?pid=15741>
- Water rights and water allocation in Andean basins. Disponible en: <https://unesdoc.unesco.org/ark:/48223/pf0000163060>
- Analysis on rainfall-runoff modelling response by using input data with variable resolution. Disponible en: <https://es.scribd.com/document/102653114/conf1>