

# Stanford

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## Krti Tallam

- Ph.D. Student in Biology, admitted Autumn 2020
- Ph.D. Minor, Comparative Studies in Race and Ethnicity

### Bio

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#### BIO

Krti studies marine diseases via machine learning techniques, and is interested in long-term marine disease implications for planetary health and environmental justice.

#### LINKS

- Check out my environmental podcast: <http://theanthropositiveoutlook.org/>

### Publications

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#### PUBLICATIONS

- **The role of diseases in unifying the health of global estuaries** *FRONTIERS IN MARINE SCIENCE*  
Tallam, K., White, E.  
2023; 10
- **Application of Deep Learning for Classification of Intertidal Eelgrass from Drone-Acquired Imagery** *REMOTE SENSING*  
Tallam, K., Nguyen, N., Ventura, J., Fricker, A., Calhoun, S., O'Leary, J., Fitzgibbons, M., Robbins, I., Walter, R. K.  
2023; 15 (9)
- **Climatic, land-use and socio-economic factors can predict malaria dynamics at fine spatial scales relevant to local health actors: Evidence from rural Madagascar.** *PLOS global public health*  
Pourtois, J. D., Tallam, K., Jones, I., Hyde, E., Chamberlin, A. J., Evans, M. V., Ihantamalala, F. A., Cordier, L. F., Razafinjato, B. R., Rakotonanahary, R. J., Tsirinomen'ny Aina, A., Solonaina, P., Raholiarimana, et al  
2023; 3 (2): e0001607
- **Predicting Flood Hazards in the Vietnam Central Region: An Artificial Neural Network Approach** *SUSTAINABILITY*  
Minh Pham Quang, Tallam, K.  
2022; 14 (19)
- **IDENTIFICATION OF SNAILS AND SCHISTOSOMA OF MEDICAL IMPORTANCE VIA CONVOLUTIONAL NEURAL NETWORKS**  
Tallam, K., Liu, Z. Y., Chamberlin, A. J., Jones, I. J., Shome, P., Riveau, G., Ndione, R. A., Bandagny, L., Jouanard, N., Eck, P. V., Ngo, T., Sokolow, S. H., De Leo, et al  
AMER SOC TROP MED & HYGIENE.2021: 295