

# **The Microclimatic Created by North-Facing Slopes**

## References:

Pelletier, J. D., Barron-Gafford, G. A., Gutiérrez-Jurado, H., Hinckley, E. S., Istanbuluoglu, E., McGuire, L. A., Niu, G., Poulos, M. J., Rasmussen, C., Richardson, P., Swetnam, T. L., & Tucker, G. E. (2018). Which way do you lean? Using slope aspect variations to understand Critical Zone processes and feedbacks. *Earth Surface Processes and Landforms*, 43(6), 1133-1154.

<https://doi.org/10.1002/esp.4306>

Bhardwaj, D. R., Tahiry, H., Sharma, P., Pala, N. A., Kumar, D., Kumar, A., & Bharti, B. (2021). Influence of Aspect and Elevational Gradient on Vegetation Pattern, Tree Characteristics and Ecosystem Carbon Density in Northwestern Himalayas. *Land*, 10(11), 1109.

<https://doi.org/10.3390/land10111109>

He, S., Zhong, Y., Sun, Y., Su, Z., Jia, X., Hu, Y., & Zhou, Q. (2017). Topography-associated thermal gradient predicts warming effects on woody plant structural diversity in a subtropical forest. *Scientific Reports*, 7.

<https://doi.org/10.1038/srep40387>

Liang, T., Tian, F., Zou, L., Jin, H., Tagesson, T., Rumpf, S., He, T., Liang, S., & Fensholt, R. (2024). Global assessment of vegetation patterns along topographic gradients. *International Journal of Digital Earth*, 17.

<https://doi.org/10.1080/17538947.2024.2404232>

Nie, T., Dong, G., Jiang, X., & Lei, Y. (2021). Spatio-Temporal Changes and Driving Forces of Vegetation Coverage on the Loess Plateau of Northern Shaanxi. *Remote Sensing*, 13(4), 613.

<https://doi.org/10.3390/rs13040613>

Nielson, T., Bradford, J., Holbrook, W. S., & Seyfried, M. (2021). The Effect of Aspect and Elevation on Critical Zone Architecture in the Reynolds Creek Critical Zone Observatory: A Seismic Refraction Study. *Frontiers in Water*, 3. <https://doi.org/10.3389/frwa.2021.670524>

Cited by: 15