

VERTICAL HYDROLOGIC EXCHANGE AND ECOSYSTEM METABOLISM IN A SONORAN DESERT STREAM



subsurface hydrologic interactions and implications for nutrient VERTICAL HYDROLOGIC EXCHANGE AND ECOSYSTEM Hyporheic metabolism in a Sonoran Desert stream was examined, focusing. **Abstracts** - amic conditions for metabolic and biogeochemical processes. Hydrologic and geo -modi?ed changes in ?uvial ecosystems, ecological and hydrologic perspectives be merged. . para?uvial and riparian groundwater) and vertical (bidirectional exchanges with the hypo- hyporheos of several Sonoran Desert streams. **Global Change and River Ecosystems - Implications for Structure, - Google Books Result** VERTICAL HYDROLOGIC EXCHANGE AND ECOSYSTEM Abstract. Hyporheic metabolism in a Sonoran Desert stream was examined, focusing. **Jones et al. 95 ecol.. - Arizona State University** Nitrogen dynamics during succession in a desert stream. 1995b. Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert stream. **Nitrification in the hyporheic zone of a desert stream ecosystem** Metabolism of streamwater dissolved organic carbon in the shallow hyporheic zone. exchange and ecosystem metabolism in a Sonoran Desert stream. Vertical hydrologic exchange and ecological stability of a desert stream ecosystem. **Surface-subsurface interactions in stream ecosystems: Trends - Cell** Abstract. Hyporheic metabolism in a Sonoran Desert stream was examined, focusing on the sources of detritus supporting hyporheic **Thomas, S.A., H.M. Valett, P.J. Mulholland, C.S. Fellows, J.R.** Hydrological exchange between the stream and hyporheic zone mediates transport of products from the incorporation of vertical hydrological connectivity in exchange and ecosystem metabolism in a Sonoran Desert. **Wholestream metabolism in two montane streams: Contribution of** Vertical Hydrologic Exchange and Ecosystem Metabolism in a Sonoran Desert Stream. Author(s): Jeremy B. Jones, Jr., Stuart G. Fisher, Nancy B. Grimm. **Streams and Ground Waters - Google Books Result** Hydrological exchange between the stream and hyporheic zone mediates transport of .. flow paths in a desert stream would govern stream-scale rates of N cycling. .. Vertical hydrologic exchange and ecosystem metabolism in a Sonoran **Vertical Hydrologic Exchange and Ecosystem Metabolism in - OCW** current understanding of stream ecosystem func- tion, we discuss hydrologic exchange and ecosystem metabolism in a Sonoran. Desert stream. Vertical hydrologic exchange and ecological stability of a desert stream **Optimizing Nitrogen Management in Food and Energy Production and - Google Books Result** closely related to hydrologic exchange between the surface and hyporheic zone. Vertical Hydrologic Exchange and Ecosystem Metabolism in a Sonoran **Jeremy Jones - Google Scholar Citations** Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert stream Nitrification in the hyporheic zone of a desert stream ecosystem. **Ecology and management of the hyporheic zone: stream - BioOne** ducted whole-stream metabolism measurements

for the upper reach of Gallina subsurface hydrologic exchange and stream ecosystem functioning have **PDF(1275K) - Wiley Online Library** VERTICAL HYDROLOGIC EXCHANGE AND ECOSYSTEM Abstract. Hyporheic metabolism in a Sonoran Desert stream was examined, focusing. **Methods in Stream Ecology: Volume 1: Ecosystem Structure - Google Books Result** Streams and disturbance: are cross-ecosystem comparisons useful? pp .. Vertical hydrologic exchange and ecological stability of a desert stream ecosystem. .. Abstract: Hyporheic metabolism in a Sonoran Desert stream was examine, **Hydroecology and Ecohydrology: Past, Present and Future - Google Books Result** Disturbance, patchiness and diversity in streams. Journal of the Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert stream. Ecology **Methane in the hyporheic zone of a small lowland stream (Sitka A heterotrophic desert stream? The role of sediment stability - BYU** Grimm, N.B. (1987) Nitrogen dynamics during succession in a desert stream. Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert **Vertical Hydrologic Exchange and Ecosystem Metabolism in - JStor** Methane interstitial water hyporheic zone anaerobic processes stream .. production and respiration in the hyporheic zone of a Sonoran Desert **Vertical Hydrologic Exchange and Ecosystem Metabolism in - OCW** Hierarchy, spatial configuration and nutrient cycling in a desert stream. Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert stream. **Vertical hydrologic exchange and ecosystem metabolism in a** Key words: desert stream, stream metabolism, diel oxygen curve, sediment respiration, disturbance, sediment lands consist of Sonoran Desert scrub vegeta- .. Vertical hydrological exchange and ecosystem metabolism in. **Vertical hydrological exchange, and ecosystem properties and - jstor** Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert stream. Ecology 76,942e952. Kasahara, T., Wondzell, S.M., 2003. Geomorphic **Wood et al., 2007, Surface Water-Groundwater Exchange** Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert stream. J. B. Jones, S. G. Fisher, N. B. Grimm. Research output: Contribution to **Hydrologic flow paths control dissolved organic carbon fluxes and** Vertical hydrologic exchange and ecosystem metabolism in a. Sonoran Hyporheic metabolism in a Sonoran Desert stream was examined, focusing on the. We examined the effect of vertical hydrological exchange on physicochemical within river reaches that are nested within stream Sonoran desert stream. Ecology hyporheic zone to ecosystem metabolism in a prealpine. **Ecology and management of the hyporheic zone: stream - BioOne** patterns in mesic areas, where water moves laterally and vertically towards the surface stream. streams are heterogeneous ecosystems consisting of inter- exchange and ecosystem metabolism in a Sonoran Desert stream, Ecol- ogy, 76 **Surface-subsurface interactions in stream ecosystems: Trends - Cell** Nitrogen dynamics during succession in a desert stream. 1995b. Vertical hydrologic exchange and ecosystem metabolism in a Sonoran Desert stream. **Vertical Hydrologic Exchange and Ecosystem Metabolism in a** hyporheic zone to the stream ecosystem in terms of hydrologic connectivity and order to (1) quantify and partition (horizontal versus vertical) hydrologic exchange and ecosystem metabolism in a Sonoran desert stream,. Ecology, 76