**BIO 160 LEC Groupings and Report Topics**

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| **LEC1** |
| **Members** | **Approved Topics (Titles)** |
| FABRICANTE, Jomari Kirt L. | Solar Ultraviolet Radiation and Ozone Depletion-Driven Climate Change: Effects on Terrestrial Ecosystems (Bornman et al., 2015) |
| LIBAO, Ivan Clyde P. |
| OXEÑO, Aaron Mark V. |
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| MERAÑEZ, Cybelle Mari B. | Exotic Mahogany Leaf Litter Hinders Growth of Philippine Native Tree Seedlings (Galano & Rodriguez, 2021) |
| PALISOC, Ryla Jules F. |
| VALIMENTO, Sophia Elaine Y. |
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| ALARCON, Karylle Shane C. | Reef degradation and the loss of critical ecosystem goods and services provided by coral reef fishes (Pratchett et al., 2013) |
| BISQUERA, Anatalia Marie M. |
| SANTOS, Rineia Kirsten M.  |
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| ALIPIO, Precious Anne B. | Estimating the Impacts of Habitat Loss Induced by Urbanization on Bird Local Extinction (Dri et al., 2021) |
| BALICAO, Jethro Luis S. |
| CALUYA, Angelica Isabell L. |
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| CATIBOG, Ron Gian Aleksei P. | Artificial light at night as a new threat to pollination by (Knop et al., 2017) |
| MAGUGAT, Francis Gerico O. |
| SORILLA, Terence Roy H. |
| TIUSECO, Raymond Elijah  |
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| ARARACAP, Gabriel Jose T. | Spatiotemporal variability of hypoxia and eutrophication in Manila Bay, Philippines during the northeast and southwest monsoons (Sotto et al., 2014) |
| DANGAWEN, Daphne B. |
| RABANG, Reeden P. |
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| **LEC2** |
| **Members** | **Approved Topics (Titles)** |
| CONSTANTINO, Beverly Mae L. | A Technical Analysis on the Manila Bay Dolomite Beach Reclamation Project (Bucay et al., 2021) |
| GALAN, JV C. |
| VILLANUEVA, Marvin Gian R.  |
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| ADVIENTO, Joshua Lorenzo | Effect of Relative Humidity on Deinococcus radiodurans’ Resistance to Prolonged Desiccation, Heat, Ionizing, Germicidal, and Environmentally Relevant UV Radiation |
| PAGUIRIGAN, Nelson Jr. |
| SALES, Lorenzo Sheen |
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| CANLAS, Imman Noel M. | Ecology of the Plastisphere (Amaral-Zettler, Zettler & Mincer, 2020) |
| TIMBULAN, Jahnelle |
| VALENCIA, Anne Beatriz J. |
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| DIZON, Janine Raine S.  | Mangrove Forest and Seagrass Bed of Eastern Samar, Philippines: Extent of Damage by Typhoon Yolanda (Alura et al., 2015) |
| REY, Renee Jasmine  |
| SIA, Justine Isabelle M.  |
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| ALVAREZ, Andreya Marie R. | Understanding temporary reduction inatmospheric pollution and its impacts on coastal aquatic system during COVID-19 lockdown: a case study of South Asia (Shafeeque *et al.*, 2021) |
| AUSTRIA, Gale J. |
| MANIGSACA, Gabriella T. |
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| BIBE, Gabriel Ashlley | The benefit of one cannot replace the other: seagrass and mangrove ecosystems at Santa Fe, Bantayan Island(Mendoza et al., 2019) |
| MADAYAG, Jan Angeli |
| NASIBOG, Loncio |
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| **LEC3** |
| **Members** | **Approved Topics (Titles)** |
| FREMISTA, Ferdinand Jr. | The role of freshwater eutrophication in greenhouse gas emissions: A review (Li et al., 2021) |
| GUIANG, Dwane Jericho |
| LIPIT, Heidz Alezandra |
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| DICTADO, Ana Patrisha | The benefit of one cannot replace the other: seagrass and mangrove ecosystems at Santa Fe, Bantayan Island (Mendoza et al., 2019) |
| MENDOZA, Naomi Grace |
| PAULINO, Angela Renee |
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| ARAÑA, Jannah Marizze | Influence of Abiotic Factors on Growth and Development of Giant Bamboo (*Dendrocalamus Asper*) in Bukidnon, Philippines (Aribal et al, 2022) |
| ARCE, Jessamine  |
| TIU, Angela Marie |
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| CUAN, Franco Joaquin | Impact of Abandoned Mining Facility Wastes on the Aquatic Ecosystem of the Mogpog River, Marinduque, Philippines(Gigantone et al., 2020) |
| MANALO, Erika Claude |
| REFUERZO, Hanna Angelika  |
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| ACOSTA, Liana Arielle S. | Forest restoration limits megafires and supports species conservation under climate change (Jones et al., 2021) |
| DALISAY, Daniel G. |
| GARCIA, Yonina Aisha B. |
| SERENEO, Anjelina C. |
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| ALUB, Brian | The stress of Arctic warming on polar bears (Boonstra et al., 2020) |
| PALABRICA, Angel |
| QUINITA, Karyle Cheska  |
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| **LEC4** |
| **Members** | **Approved Topics (Titles)** |
| ALANO, Jemi Donrei | Modeling of degraded reefs in Leyte Gulf, Philippines in the face of climate change and human-induced disturbances (Tan et al., 2017) |
| CABUYAO, Erica Mai |
| REVILLA, Rea Veronica |
| VALENCIA, Angeli Jane |
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| ORTIZ, Vincent Paul | How different soil moisture levels affect the microbial activity (Denardin et al., 2020) |
| ROMERO, Carlos R. |
| SANTANA, Elisha Sofia E. |
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| GAA, Aira Jenah | Microplastics in some fish species and their environs in Eastern Visayas, Philippines (Cabansag et al., 2019) |
| MARCELO, Daphne Pauline  |
| NEBLA, Aaron James |
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| BINANGBANG, Angelica May P. | The Brazilian Pampa: A Fragile Biome (Roesch et al., 2009) |
| CASTRO, Irah Odille S. |
| DY ECHO, Katrina Paola F. |
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| CHU, Andrea Sophie | Mammals of Mt. Pinatubo, Luzon Island, Philippines: Extreme Resilience Following Catastrophic Disturbance (Rickart et al., 2020) |
| DIZON, Janelle Raine  |
| MANZANO, Anne Jillyne |
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| LAZARO, Charles Daniel | Influences of temperature and moistureon abiotic and biotic soil CO2 emissionfrom a subtropical forest (Chen et al., 2021) |
| MABALOT, Mark Edrex |
| VILLEGAS, Reinan Arman D. |
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| **LEC5** |
| **Members** | **Approved Topics (Titles)** |
| FAYLONA, Elijah | Flowering phenology of a widespread perennial herb shows contrasting responses to global warming between humid and non-humid regions (Song et al., 2020) |
| VALERIANO, Elcid |
| VILLANUEVA, Kylene Mathea |
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| BAGAY, Kenneth Angelo L. | The Invisible Flood: The Chemistry, Ecology, and Social Implications of Coastal Saltwater Intrusion (Tully et al., 2019) |
| BONGADO, Genalyn M. |
| PADON, Shaughn Dominic M. |
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| BALOD, Angela Joy | Analyzing the Temporal and Spatial Trends of Water Quality and Eutrophication in Laguna de Bay, Philippines, 2000-2012 (Macuroy et al., 2019) |
| MARQUEZ, Zaira Ysha |
| PASTORES, Hannah Joselle |
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| CA-ADAN, Zyrell C. | Climate variability impacts on rice production in the Philippines(Stuecker et al., 2018) |
| LORETO, Katrina Rose R. |
| MARTINEZ, John Luise T. |
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| ABACAN, Jessica Ann B.  | Effects of climate change and land cover on the distributions of a critical tree family in the Philippines (Pang et al., 2021)  |
| GENSOLIN, Katrianne Sophia C. |
| HABANA, Angela Paz E. |
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| MANZANO, Mary Gianna D.  | Diversity and threats to cave-dwelling bats in a small island in the southern Philippines (Quibod et al., 2019)  |
| MENDOZA, Jaundrei I.  |
| TAMAYAO, Yael Althea L.  |
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