

CENTRO DE INVESTIGACIONES EN GEOGRAFÍA AMBIENTAL,
UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO

Curriculum Vitae

1 Personal Data

Full Name: Brian Michael Napoletano
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Nationality: USA
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2 Professional Formation

2.1 Undergraduate studies

Winter 2001. Bachelor of Arts. Michigan State University, College of Communication Arts and Sciences, Department of Telecommunication. Specialization in information technology services.

2.2 Postgraduate studies

Summer 2004. Master of Science. Michigan State University, College of Natural Sciences, Department of Zoology.

Thesis: "*Measurement, quantification, and interpretation of acoustic signals within an ecological context.*"

Spring 2011. Doctor of Philosophy. Purdue University, College of Agriculture, Department of Forestry and Natural Resources.

Thesis: "*Habitat contributions to biodiversity trends at a subcontinental extent.*"

3 Professional Experience

3.1 In the UNAM

2019 to present. Investigador Titular "A" de Tiempo Completo. Centro de Investigaciones en Geografía Ambiental, UNAM Campus Morelia.

Theme: Environmental history, power, and territory.

2014–2019. Investigador Asociado “C” de Tiempo Completo. Centro de Investigaciones en Geografía Ambiental, UNAM Campus Morelia.
Theme: Environmental history, power, and territory.

2012–2014. Postdoctoral Fellow. Centro de Investigaciones en Geografía Ambiental, UNAM Campus Morelia.
Project: “*Linking proximate and underlying drivers of environmental change from local to global scales.*” Supervisor: Antonio Vieyra Medrano.

3.2 Outside the UNAM

2011–2012. Adjunct Professor. Department of Biology, University of Detroit Mercy.

2005–2010. Research Assistant. Human and Environment Modeling and Analysis Laboratory, Purdue University. Director: Bryan C. Pijanowski.

2004–2005. Research Associate. Remote Environmental and Assessment Laboratory, Michigan State University. Director: Stuart H. Gage.

1999–2004. Research Assistant. Computational Ecology and Visualization Laboratory, Michigan State University. Director: Stuart H. Gage.

4 Academic-Administrative Labor in the UNAM

4.2 Institutional commissions

1. 2019 to present. Member of the Comisión de Género, CIGA, UNAM, Morelia, Michoacán.
2. 2017–2019. Representative of the Researchers of the CIGA before the Consejo Interno, CIGA, UNAM, Morelia, Michoacán.
3. 2016–2017. Member of the Committee on Seminars, CIGA-IIES, UNAM, Morelia, Michoacán.

5 Principal Lines of Investigation

1. Development of a geographical perspective on the metabolic rift.
2. Interpenetration and contradictions between human development and the accumulation of capital in the production of space.
3. Possibilities of co-revolutionary mobilization against capital and its alienated system of social-metabolic control.

6 Publications

6.1 Scientific production

6.1.1 Articles in peer-reviewed journals

6.1.1.1. In indexed journals

a) In national and international journals indexed in the Web of Science

1. Franch-Pardo, I., B.M. Napoletano*, F. Rosete-Verges, and L. Billa. 2020. Spatial analysis and GIS in the study of COVID-19. A review. *Science of the Total Environment*. 739: 140033. ISSN: 0048-9697. (SCIE: IF 5.589; Q1)
DOI: 10.1016/j.scitotenv.2020.140033
2. Napoletano, B.M. and B. Clark. 2019. An ecological-Marxist response to the Half-Earth Project. *Conservation and Society*. 18(1):37-49. ISSN: 0972-4923. (SSCI: IF 1.795; Q2)
DOI: 10.4103/cs.cs_19_99
3. Foster, J.B., B.M. Napoletano, B. Clark, and P.S. Urquijo. 2019. Henri Lefebvre's Marxian ecological critique: recovering a foundational contribution to environmental sociology. *Environmental Sociology*. 6(1): 31-41. ISSN: 2325-1042. (ESCI; Q1)
DOI: 10.1080/23251042.2019.1670892
4. Napoletano, B.M., J.B. Foster, B. Clark, P.S. Urquijo, M.K. McCall, and J. Paneque-Gálvez. 2019. Making space in critical environmental geography for the metabolic rift. *Annals of the American Association of Geographers*. 109(6):1811-1828. ISSN: 2469-4460. (SSCI: IF 3.037; Q1)
DOI: 10.1080/24694452.2019.1598841
5. Napoletano, B.M., J. Paneque-Gálvez, Y. Méndez-Lemus, and A. Vieyra. 2019. Geographic rift in the urban periphery, and its concrete manifestations in Morelia, Mexico. *Journal of Latin American Geography*. 18(1):38-64. ISSN: 1548-5811. (ESCI; Q3)
DOI: 10.1353/lag.0.0106
6. Napoletano, B.M., P.S. Urquijo, J. Paneque-Gálvez, B. Clark, R. York, I. Franch-Pardo, Y. Méndez-Lemus, and A. Vieyra. 2018. Has (even Marxist) political ecology really transcended the metabolic rift? *Geoforum*. 92:92-95. ISSN: 0016-7185. (SSCI: IF 2.926; Q1)
DOI: 10.1016/j.geoforum.2018.04.008
7. Paneque-Gálvez, J., N. Vargas-Ramírez, B.M. Napoletano, and A. Cummings. 2017. Grassroots innovation using drones for indigenous mapping and monitoring. *Land*. 6(4):86. ISSN: 2073-445X. (SSCI; Q2)
DOI: 10.3390/land6040086

8. Franch-Pardo, I., B.M. Napoletano*, G. Bocco, S. Barrasa, and L. Cancer-Pomar. 2017. The role of geographical landscape studies for sustainable territorial planning. *Sustainability*. 9(11):2123. ISSN: 2071-1050. (SSCI: IF 2.592; Q2)
DOI: 10.3390/su9112123
9. Bocco, G. and B.M. Napoletano*. 2017. The prospects of terrace agriculture as an adaptation to climate change in Latin America. *Geography Compass*. 11(10):e12330. ISSN: 1749-8198. (SSCI: IF 2.053; Q1)
DOI: 10.1111/gec3.12330
10. Franch-Pardo, I., L. Cancer-Pomar, and B.M. Napoletano. 2017. Visibility analysis and landscape evaluation in Martin River Cultural Park (Aragon, Spain) integrating biophysical and visual units. *Journal of Maps*. 13:415–424 ISSN: 1744-5647. (SSCI: IF 1.836; Q1)
DOI: 10.1080/17445647.2017.1319881
11. Napoletano, B.M., B.C. Pijanowski, and J.B. Dunning, Jr. 2017. Influences of horizontal and vertical aspects of land cover and their interactions with regional factors on patterns of avian species-richness. *Cogent Environmental Science* 3:1296604. ISSN: 2331-1843. (ESCI)
DOI: 10.1080/23311843.2017.1296604
12. Paneque-Gálvez, J., M.K. McCall, B.M. Napoletano, S.A. Wich, and L.P. Koh. 2014. Small Drones for Community-Based Forest Monitoring: An Assessment of Their Feasibility and Potential in Tropical Areas. *Forests* 5(6):1481–1507. ISSN: 1999-4907. (SCIE: IF 2.116; Q1)
DOI: 10.3390/f5061481
13. Pijanowski, B.C., L.J. Villanueva-Rivera, S.L. Dumyahn, A. Farina, B.L. Krause, B.M. Napoletano, S.H. Gage, and N. Pieretti. 2011. Soundscape ecology: the science of sound in the landscape. *BioScience* 61(3):203–216. ISSN: 0006-3568. (SCIE: IF 6.591; Q1)
DOI: 10.1525/bio.2011.61.3.6
14. Farina, A. and B.M. Napoletano. 2010. Redrawing mission and role for a landscape: new theoretical perspectives for a powerful agency. *Biosemitotics* 3(2):177–187. ISSN: 1875-1342. (SSCI: IF 1.170; Q2)
DOI: 10.1007/s12304-010-9086-9

* Corresponding author

b) In national and international journals indexed in other indices

1. Napoletano, B.M., J. Paneque-Gálvez, and A. Vieyra-Medrano. 2015. Spatial fix and metabolic rift as conceptual tools in land-change science. *Capitalism Nature Socialism* 26:198–214. ISSN: 1045-5752. (SJR: 1.1; Q1)
DOI: 10.1080/10455752.2015.1104706

6.1.1.2. In journals not indexed

a) In international journals

1. Napoletano, B.M., B. Clark, J.B. Foster, and P.S. Urquijo. 2020. Sustainability and Metabolic Revolution in the Works of Henri Lefebvre. *World*. 1(3): 300–317. ISSN: 2673-4060. DOI: 10.3390/world1030021
2. Farina, A., S. Scozzafava, and B.M. Napoletano. 2007. Therapeutic landscapes: Paradigms and applications. *Journal of Mediterranean Ecology* 8:9–16.

6.1.3 Book chapters

a) In books by foreign publishers

1. Napoletano, B.M., J. Paneque-Gálvez, C. Garibay, and A. Vieyra. 2017. Informality and geographic rift in Latin America, In Hernández, F. and A. Bercerra (editors), *Marginal Urbanisms: Informal and Formal Development in Cities of Latin America*. Newcastle upon Tyne: Cambridge Scholars Publishing. pp. 48–63. ISBN: 978-1-4438-9701-3.
2. Napoletano, B.M. 2017. Integrating biophony into biodiversity assessment, In Farina, A. and S.H. Gage (editors), *Ecoacoustics: The Ecological Role of Sounds*. West Sussex: John Wiley & Sons, Ltd. pp. 169–192. ISBN: 978-1-119-23069-4.
3. Qi, J., S.H. Gage, W. Joo, B.M. Napoletano, and S. Biswas. 2007. Soundscape characteristics of an environment: A new ecological indicator of ecosystem health, In Ji, W. (editor), *Wetland and Water Resource Modeling and Assessment: A Watershed Perspective*. Boca Raton: CRC Press, Taylor and Francis Group. pp. 201–214. ISBN: 978-1-4200-6414-8.

b) In books by Mexican publishers

1. Franch-Pardo, I., P.S. Urquijo, and B.M. Napoletano. 2020. Paisaje en México: bases conceptuales y aplicaciones. Una exploración bibliográfica, 2010-2019, In Urquijo Torres, P.S. and A.F. Boni Noguez (editors), *Huellas en el paisaje. Geografía, historia y ambiente en las Américas*. México: CIGA, UNAM. pp. 39-64.
2. Napoletano, B.M., J. Panaque-Gálvez, and A. Vierya. 2016. La ruptura geográfica en el contexto del desarrollo neoliberal, In Vieyra, A., Y. Méndez, and J. Hernández-Guerrero (editors), *Procesos Urbanos, Pobreza y Ambiente. Implicaciones en Ciudades Medias y Megaciudades*. México: CIGA, UNAM. pp. 13–36. ISBN: 978-607-02-8098-6.

6.2 Public dissemination of scientific information

6.2.1 Printed or electronic articles

a) In international publications

1. Napoletano, B.M., H.I. Martínez Alvarez, and P.S. Urquijo. 2020-11-05. Five centuries of pillage and resistance: Latin America and Africa. *Review of African Political Economy*.
2. Napoletano, B.M. 2019-09-02. Should progressives support restricting immigration? *Climate & Capitalism*.
3. Moradian, A., B. Abbott, H.A. Rivera, and B.M. Napoletano. 2018-11-12. Solidarity rises up to greet the caravan in Mexico. *Socialist Worker*.
4. Napoletano, B.M. 2018-11-02. Half-Earth: A biodiversity ‘solution’ that solves nothing. *Climate & Capitalism*.
5. Napoletano, B.M. 2018-04-30. Ecological Marxism vs. environmental neo-Malthusianism: An old debate continues. *Climate & Capitalism*.
6. Napoletano, B.M. 2017-01-05. A Defeat the Democrats Deserved. *Socialist Worker*.
7. Napoletano, B.M. 2016-05-10. What will November bring for Mexico?. *Socialist Worker*.
8. Napoletano, B.M. and H.A. Rivera. 2014-02-04. Why the autodefensas won concessions. *Socialist Worker*.
9. Napoletano, B.M. 2011-02-16. The Egyptian revolution and democracy. *The Palestine Chronicle*.
10. Napoletano, B.M. 2010-07-14. UC Irvine administrators call to suspend Muslim student group for Palestine protest. *The Electronic Intifada*.
11. Napoletano, B.M. 2010-05-21. OECD rewards Israel’s occupation. *The Palestine Chronicle*.
12. Napoletano, B.M. 2009-04-01. U.S. involvement has propelled Gaza conflict. *Journal & Courier*.

6.2.3 Other published work

6.2.3.1. Reviews

1. Napoletano, B.M. 2020. Interrogating the cultural production of Mexico. *Monthly Review* 71(8):48-57. ISSN: 0027-0520. (SSCI: IF 0.949; Q2)
DOI: 10.14452/MR-071-08-2020-01_5

6.2.3.2. Translations

1. Mészáros, I. 2021. The Historical Challenges Facing the Socialist Movement: Translation of Introduction to the Latin American Edition of *Beyond Capital*. *Monthly Review Essays*. Translated by Brian M. Napoletano and Pedro S. Urquijo. URL: <https://mronline.org/2021/03/26/the-historical-challenges-facing-the-socialist-movement/>

2. Urquiza García, J.H. 2020. COVID-19: The pandemic of the Great Acceleration. *MR Online*. Translated by Brian M. Napoletano and Pedro S. Urquijo.
URL: <https://mronline.org/2020/04/24/covid-19-the-pandemic-of-the-great-acceleration/>

6.2.3.4. Other

1. Napoletano, B.M. (Administrador), P.S. Urquijo, and R. Pacheco L. 2020. *Bitácora del COVID-19*. Web site containing translated articles (by the three persons indicated) about the COVID-19 pandemic that address key global themes.
URL: <https://covid19.napoletano.net/>

6.3 Production for teaching

6.3.1 Articles

1. Napoletano, B.M. 2008. An Informal Fallacy Primer.

7 Other Academic Activities

7.1 Participation in projects

a) Responsible

1. “Causas directas y subyacentes de cambio territorial en la periferia urbana de Morelia a partir de la ruptura geográfica.” Participants: Claudio Garibay Orozco, Jaime Paneque-Gálvez, Jose Antonio Vieyra Medrano, Yadira Mireya Mendez Lemus, Yan Gao. PAPIIT IA301617. 2017–2019.

b) Participant

1. “Nuevos Sistemas de Monitoreo Comunitario como Bases para la Innovación Socio-Territorial y Ambiental en Comunidades Rurales y Periurbanas en Situación de Pobreza, Marginación y Conflicto Ambiental.” Responsible: Jaime Panaque-Gálvez. PAPIIT. 2017–2019.
2. “Historia ambiental, poder y territorio: Conflictos territoriales sobre las minas en Sierra Norte de Puebla.” Responsible: Claudio Garibay Orozco. CIGA, UNAM. 2014 a la fecha.

7.2 Participation as speaker in academic events

7.2.1 National

1. Napoletano, B.M. and P.S. Urquijo. 2021. “COVID-19 y otras epidemias planetarias. Cambios geográficos locales y crisis globales.” VIII Coloquio Internacional de Geografía Ambiental. CIGA, UNAM, Morelia, Michoacán.

2. Franch-Pardo, I. and B.M. Napoletano. 2018. "Cartografía del paisaje en México. Una mirada retrospectiva para explicar los criterios actuales." VII Coloquio Internacional de Geografía Ambiental: Huellas en el paisaje—geografía, historia, y ambiente. CIGA, UNAM, Morelia, Michoacán.
3. Napoletano, B.M. 2017. "La ruptura geográfica y conflictos en el cambio y uso del territorio en la periferia de Morelia." VI Coloquio Internacional de Geografía Ambiental. CIGA, UNAM, Morelia, Michoacán.
4. Vieyra, A., J. Panaque-Gálvez, and B.M. Napoletano. 2015. "Ruptura geográfica como herramienta conceptual de la geografía ambiental. Su aplicación al cambio de cubiertas y usos de suelo en espacios periurbanos." V Coloquio de Geografía e Historia Ambiental. CIGA, UNAM, Morelia, Michoacán.
5. Napoletano, B.M. 2013. "Geospatial rift, migration, and land-use change in two Latin-American nations: Bolivia and Mexico." Serie de Seminarios. CIGA y CIECO, UNAM, Morelia, Michoacán.

7.2.2 International

a) By invitation

1. Napoletano, B.M. 2009. "Land use: Biodiversity and bioacoustics Correlations." Symposium on Soundscape Ecology, 24th Annual US-IALE Conference, United States Regional Association of the International Association for Landscape Ecology, Snowbird, Utah, USA.
2. Napoletano, B.M., W. Joo, S.H. Gage, and J. Qi. 2005. "Application of Acoustic Technologies to Ecosystem Analysis." 48th Annual Conference on Great Lakes Research, International Association for Great Lakes Research, University of Michigan, Ann Arbor, Michigan, USA.
3. Napoletano, B.M., and S.H. Gage. 2004. "Interpretation of Acoustic Signals as Stressors and Indicators of Ecosystem Features." Michigan Wetlands Conference, Michigan Department of Environmental Quality, Water Studies Institute, Northwestern Michigan College, Traverse City, Michigan, YSAUA.

b) Participation

1. Napoletano, B.M. 2018. "Geographic rift in the urbanization of Morelia's periphery." 35^a Conferencia de Geógrafos Latinoamericanistas, Conference of Latin Americanist Geographers, San José, Costa Rica.
2. Napoletano, B.M., J. Panaque-Gálvez, M. Morales Magaña, Y. Gao, A. Vieyra, Y. Méndez-Lemus, and C. Garibay Orozco. 2017. "Geographic rift in land change in the urban periphery of Morelia, Mexico." V Congreso de la Asociación Latinoamericana de Antropología/XVI Congreso de Antropología en Colombia, Asociación Latinoamericana de Antropología, Bogotá, Colombia.

3. Napoletano, B.M., Y. Manriquez y C. Garibay Orozco. 2016. "Language and discourse in territorial conflicts over mining in the Sierra Norte of Puebla, Mexico." II Congreso Latinoamericano de Ecología Política, Association of American Geographers - Grupo Latinoamericano, San Pedro de Atacama, Chile.
4. Güiza, F., B.M. Napoletano, A. Vieyra, and J. Paneque-Gálvez. 2013. "Geospatial rift, rural-urban migration, and land-use changes in two Latin-American nations: Bolivia and Mexico." Annual Meeting 2013, Association of American Geographers, Los Angeles, California, EUA.
5. Napoletano, B.M., F. Güiza, and A. Vieyra. 2012. "Espacios periurbanos informales, migración y ruptura metabólica social en el contexto Latinoamericano." Second International Conference About Informality, Universidad Michoacana de San Nicolás de Hidalgo, Morelia, Michoacán, México.
6. Farina, A., D. Morri, and B.M. Napoletano. 2008. "The Sink-source dynamics and soundscape patterns of bird communities: A tentative explanation." 23rd Annual US-IALE Conference, United States Regional Association of the International Association for Landscape Ecology, Madison, Wisconsin, EUA.
7. Napoletano, B.M., J. Duckles, and B.C. Pijanowski. 2007. "Soundscape Ecology: Bioacoustic analysis across anthropogenic disturbance gradients." 22nd Annual US-IALE Conference, United States Regional Association of the International Association for Landscape Ecology, Tucson, Arizona, EUA.
8. Gage, S.H., B.M. Napoletano, and M.J. Cooper. 2001. "Assessment of ecosystem biodiversity by acoustic diversity indices." 141st Meeting of the Acoustical Society of America, American Institute of Physics, Chicago, Illinois, EUA.

7.3 Organization of academic events

a) National

1. 2013. Panel Moderator. "La construcción social del Paisaje." 10° Coloquio de Doctorado, 3° de Maestría: Espacio Geográfico y Futuros Alternos, CIGA, UNAM, Morelia, Michoacán.

b) International

1. 2018. Session Coordinator with M.K. McCall. "Territorializing Space in Latin America: Processes and Perceptions in Territorial Appropriation." 35^a Conferencia de Geógrafos Latinoamericanistas, Conference of Latin Americanist Geographers, San José, Costa Rica.
2. 2017. Round-table Coordinator with J. Panaque-Gálvez, M. Morales Magaña, and G.A. Hernández Cedejas. "Extractivismo neoliberal y conflictos territoriales en el centro de México." V Congreso de la Asociación Latinoamericana de Antropología/XVI Congreso de Antropología en Colombia, Asociación Latinoamericana de Antropología, Bogotá, Colombia.

7.5 Participation in editorial activities

7.5.1 Peer review of journal articles

b) International

1. *Annals of the American Association of Geographers*. 2020.
2. *Applied Geography*. 2017.
3. *Cogent Food and Agriculture*. 2017, 2018.
4. *Conservation and Society*. 2020, 2021.
5. *Conservation Biology*. 2007.
6. *Ecological Modelling*. 2016.
7. *Entropy*. 2020.
8. *Environment, Development and Sustainability*. 2016, 2018.
9. *Environmental Sociology*. 2019, 2020, 2021.
10. *Geoforum*. 2018.
11. *Human Geography*. 2020, 2021.
12. *International Critical Thought*. 2019.
13. *International Journal of Biodiversity Conservation*. 2017.
14. *Investigaciones Geográficas*. 2020.
15. *Journal of Environmental Studies and Sciences*. 2020.
16. *Landscape Ecology*. 2008, 2013, 2015, 2020.

7.7 Linkage with society

7.7.1 Collaboration and agreements with non-academic entities

1. 2009–2010. Federal Delegate to the US Congress, Purdue University Chapter of Amnesty International.

7.7.2 External and advisory services

1. 2007. Observer, Christmas Bird Count, National Audubon Society.
2. 2009–2010. Public Relations Coordinator and Web Designer, Purdue Students for Justice in Palestine, Purdue University.

7.7.3 Outreach conferences

1. Commentator. Star Wars Episode VI. Ciclo de Cine Comentado: La Ciencia en el Séptimo Arte. Instituto Radioastronomía y Astrofísica de la UNAM Campus Morelia. 16 September 2017, instalaciones del CIAC de la UMNSH.
2. Commentator. Serra Pelada. Serie de documentales con comentarios por académicos. 4to Cinema Planeta en la UNAM Campus Morelia. 29 March 2017, UNAM Campus Morelia, México.

7.8 Other

7.8.1 Membership on selection committees and commissions

1. Reviewer of applications for postdoctoral fellowship applications, Convocatoria de Estancias Posdoctorales en México, Consejo Nacional de Ciencia y Tecnología, Gobierno de México. 2020.
2. Interviewer, Comisión de Admisión e Ingreso 2020-I al Posgrado en Geografía, CIGA, UNAM. Semester 2020-I.
3. Reviewer of research protocols, Comisión Dictaminadora, Ingreso al Programa de Doctorado en Geografía, Instituto de Geografía, UNAM. Semester 2018-I.
4. Reviewer of research protocols, Comisión Dictaminadora, Ingreso al Programa de Doctorado en Geografía, Instituto de Geografía, UNAM. Semester 2017-I.

8 Contributions to Human Development and Working Groups

8.1 Courses given

8.1.1 Extracurricular courses

8.1.1.1. In the UNAM

1. 2018. Full professor and coordinator. *La teoría marxista en la geografía ambiental*. * Posgrado en Geografía, CIGA, Morelia, Michoacán. Semester, 2018-II, 20 hours.
2. 2017. Full professor and coordinator. *La teoría marxista en la geografía ambiental*. * Posgrado en Geografía, CIGA, Morelia, Michoacán. Semester, 2018-I, 20 hours.
3. 2015. Professor and coordinator. *Estadística básica en R*. DGAPA 5573. Dirección General Asuntos del Personal Académico, Morelia, Michoacán. 24 hours.
4. 2012. Guest, responsible: Mike McCall. “Valuing Local Knowledge,” *Seminario Alexander Von Humboldt: Paisaje cultural, conocimiento espacial local y SIG participativo*. CIGA, Morelia, Michoacán. Class, 2 hours.

* Course open to undergraduate and postgraduate students

8.1.1.2. In other institutions

a) National

1. 2020. Guest, responsible: Mario Fuente and David Barkin. *Introducción a la Economía Ecológica Radical*. 20/03/2020-12/06/2020. Coordinación de Educación Continua y a Distancia, Universidad Autónoma Metropolitana - Unidad Xochimilco y Universidad de la Sierra Juárez. 36 hours.
2. 2016. Professor and coordinator. *Movilidad y Urbanismo: Hacia una ciudad sostenible y humana*. COIC/STIA/7616/2016. 29/02/2016-04/03/2016. Programa de Formación y Actualización Integral del Personal Académico, Universidad Estatal de Sonora, Hermosillo, Sonora. 20 hours.

b) International

1. 2020. Guest, responsible: Bryan C. Pijanowski. *International Studies*. 29/10/2020. Department of Forestry and Natural Resources, Purdue University. Interview, 2 hours.

8.1.3 Registered courses

8.1.3.1. Undergraduate

a) Full professor or coordinator

1. 2015. Professor and co-coordinator with Andrew Felix Boni Noguez. *Ecología Política*. Licenciatura en Ciencias Ambientales, ENES, UNAM, Morelia, Michoacán. Semester, 2015-I, 64 hours.
2. 2011. Full professor and coordinator. *Environmental Science*. Department of Biology, University of Detroit Mercy, Detroit, Michigan, USA. Semester, 2011-II, 60 hours.
3. 2004. Coordinator. *Introduction to Earth System Science*. Department of Entomology, College of Natural Sciences, Michigan State University, East Lansing, Michigan, USA. Semester, 2004-II, 60 horas.

b) Collaborator or guest

1. 2020-03-10. Guest, responsible: Yadira Méndez Lemus. "Detroit, capital, y la desvalorización de la vida." *Geografía Humana*. Licenciatura en Manejo Integral de Territorio, CIGA, UNAM, Morelia, Michoacán. Class, 2 hours.
2. 2019-02-18. Guest, responsible: Yadira Méndez Lemus. "Detroit y el desplazamiento espacial y social de desvalorización." *Geografía Humana*. Licenciatura en Geohistoria, ENES, UNAM, Morelia, Michoacán. Class, 2 hours.

3. 2016-11-22. Guest, responsible: Marcela Morales Magaña. "Language and discourse in territorial conflicts over mining in the Sierra Norte of Puebla, Mexico." *Ecología Política*. Licenciatura en Ciencias Ambientales, ENES, UNAM, Morelia, Michoacán. Class, 1 hour.
4. 2016-02-18. Guest, responsible: Gerardo Alberto Hernandez Cendejas. "Geografía radical socialista." *Geografía Humana*. Licenciatura en Ciencias Ambientales, ENES, UNAM, Morelia, Michoacán. Class, 2 horas.
5. 2015-03-21. Guest, responsible: María Ana Beatriz Maserta Cerutti. "Aplicación de los SIG para el estudio de la cubierta vegetal y la riqueza de especies avían en los Estados Unidos." *Geociencias*. ENES, UNAM, Morelia, Michoacán. Class, 2 hours.
6. 2014-12-01. Guest, responsible: Andrés Camou Guerrero. "Geografía radical." *Geografía Humana*. Licenciatura en Ciencias Ambientales, ENES, UNAM, Morelia, Michoacán. Class, 2 hours.
7. 2014-03-21. Guest, responsible: María Ana Beatriz Maserta Cerutti. "Aplicación de los SIG para el estudio de la cubierta vegetal y la riqueza de especies avian en Estados Unidos." *Geociencias*. ENES, UNAM, Morelia, Michoacán. Class, 2 hours.
8. 2014-02-01. Guest, responsible: Andrés Camou Guerrero. "Detroit: historia de una ciudad bancarrota." *Geografía Humana*. ENES, UNAM, Morelia, Michoacán. Class, 2 hours.
9. 2013-11-12. Guest, responsible: Ek del Val de Gortari. "El caso urbano de Detroit." *Geografía Humana*. ENES, UNAM, Morelia, Michoacán. Class, 2 hours.
10. 2009. Guest, responsible: Bryan C. Pijanowski. "Organisms in the Landscape." *Landscape Ecology*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Class, 1 hour.
11. 2008. Graduate teaching assistant, responsible: John B. Dunning, Jr. *Global Environmental Issues*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Semester, 2008-II, 60 hours.
12. 2008. Guest, responsible: John B. Dunning, Jr. "Tropical Deforestation." *Global Environmental Issues*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Class, 1 hour.
13. 2007. Graduate teaching assistant, responsible: Walter L. Mills, Jr. *Natural Resources Information Systems*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Semester, 2007-I, 60 hours.

14. 2007-02-21. Guest, responsible: Walter L. Mills, Jr. "Overlaying Spatial Data: An Introduction to the Geo-processing Tools in ArcGIS." *Natural Resources Information Systems*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Class, 1 hour.
15. 2007-03-26. Guest, responsible: Walter L. Mills, Jr. "Raster Analysis: An Introduction to the Raster Data Model." *Natural Resources Information Systems*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Class, 1 hour.
16. 2007-03-23. Guest, responsible: John. B. Dunning, Jr. "Brood Parasitism." *Ornithology*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Class, 1 hour.

8.1.3.2. Postgraduate

a) Full professor or coordinator

1. 2021. Professor and co-coordinator with Pedro S. Urquijo. *Geografía Ambiental y Teoría Marxista*. Posgrado en Geografía, CIGA, UNAM, Morelia, Michoacán. Semester, 2021-II, 32 hours.
2. 2020. Professor and co-coordinator with Pedro S. Urquijo. *Geografía Ambiental y Teoría Marxista*. Posgrado en Geografía, CIGA, UNAM, Morelia, Michoacán. Semester, 2020-I, 32 hours.
3. 2019. Professor and co-coordinator with Claudio Garibay Orozco. *Ecología Política y Transformaciones Globales*. Maestría en Geografía, CIGA, UNAM, Morelia, Michoacán. Semester, 2019-I, 32 hours.
4. 2018. Professor and co-coordinator with Claudio Garibay Orozco. *Ecología Política y Transformaciones Globales*. Maestría en Geografía, CIGA, UNAM, Morelia, Michoacán. Semester, 2018-II, 32 hours.
5. 2017. Professor and co-coordinator with Jaime Panaque-Gálvez, Marcela Morales Magaña, and Claudio Garibay Orozco. *Fundamentos de Ecología Política*. Posgrado en Geografía, CIGA, UNAM, Morelia, Michoacán. Semester, 2016-II, 56 hours.
6. 2017. Professor and co-coordinator with Jaime Panaque-Gálvez and Marcela Morales Magaña. *Seminario de Ecología Política y Pensamiento Ambiental Crítico*. Posgrado en Geografía, CIGA-ENES, UNAM, Morelia, Michoacán. Semester, 2016-II, 25 hours.
7. 2012. Professor and co-coordinator with Claudio Garibay Orozco. *Ecología Política y Transformaciones Globales*. Posgrado en Geografía, Manejo Integrado del Paisaje, CIGA, UNAM, Morelia, Michoacán. Semester, 2011-II, 64 hours.

b) Colaborador o invitado

1. 2016-08-15. Guest, responsible: Pedro S. Urquijo Torres. "Espacio y lugar." *Geografía y Ambiente*. Maestría en Geografía, CIGA, UNAM, Morelia, Michoacán. Class, 4 hours.
2. 2016-03-28. Guest, responsible: Claudio Garibay Orozco. "Economía política marxista." *Ecología Política y Transformaciones Globales*. Maestría en Geografía, CIGA, UNAM, Morelia, Michoacán. Class, 4 hours.
3. 2010-04-13. Guest, responsible: Bryan C. Pijanowski. "The Cognitive Landscape." *Landscape Ecology: Different Theories of Landscapes*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Class, 2 hours.
4. 2007. Graduate teaching assistant, responsible: Guofan Shao. *Remote Sensing and Geographic Information Systems*. Department of Forestry and Natural Resources, College of Agriculture, Purdue University, West Lafayette, Indiana, USA. Semester, 2007-II, 60 hours.

8.2 Personnel trained**8.2.1 Theses directed****a) Undergraduate**

1. Manuel Alejandro Zepeda Pirron (with co-direction by Dr. Andrés Ávila Armella). "Análisis histórico y dialéctico de la transición forestal en Michoacán, México." Licenciatura en Ciencias Ambientales (with Honorable Mention), ENES, Unidad Morelia, UNAM. Date of exam: 2019-07-17.

8.2.5 Theses in process**a) Undergraduate**

1. Ricardo Zúñiga Correa. "Los conflictos y procesos de cambio territorial en la periferia urbana de Morelia." Licenciatura en Geohistoria, ENES, Unidad Morelia, UNAM.
2. Brandon Giovanni Zambrano Miranda. "La desterritorialización de Palestina: Una perspectiva Geohistórica." Licenciatura en Geohistoria, ENES, Unidad Morelia, UNAM.
3. Fabiola Azaret Franco Franco. "Los discursos que construyen el espacio: del cómo enverdecen los megaproyectos en la Costa de Quintana Roo." Licenciatura en Ciencias Ambientales, ENES, Unidad Morelia, UNAM.
4. Ana Cristina Velázquez Jiménez (co-director under the direction of Dr. Jovanka Špirić). "Acumulación originaria a través de la Estrategia REDD+ en comunidades campesinas en la Península de Yucatán." Licenciatura en Ciencias Ambientales, ENES, Unidad Morelia, UNAM.

8.2.4 Project fellows

1. Rosa Angélica Sanchez Sanchez. Licenciatura en Geohistoria, ENES, Unidad Morelia, UNAM. Project: Causas directas y subyacentes de cambio territorial en la periferia urbana de Morelia a partir de la ruptura geográfica (PAPIIT IA301617). September–December 2018.
2. Gabriela Isabel Diaz Cervantes. Licenciatura en Ciencias Ambientales, ENES, Unidad Morelia, UNAM. Project: Causas directas y subyacentes de cambio territorial en la periferia urbana de Morelia a partir de la ruptura geográfica (PAPIIT IA301617). September–December 2017.
3. Lenin Piñon Bravo. Licenciatura en Ciencias Ambientales, ENES, Unidad Morelia, UNAM. Project: Causas directas y subyacentes de cambio territorial en la periferia urbana de Morelia a partir de la ruptura geográfica (PAPIIT IA301617). January–September 2017.

8.2.5 Social services

1. Lenin Piñon Bravo. Licenciatura en Ciencias Ambientales, ENES, Unidad Morelia, UNAM. Project: Conflictos territoriales sobre las minas en Sierra Norte de Puebla. August–December 2017.
2. Ariadna Nefertari del Río García. Licenciatura en Ciencias Ambientales, ENES, Unidad Morelia, UNAM. Project: Conflictos territoriales sobre las minas en Sierra Norte de Puebla. August–December 2015.

8.4 Membership on tutorial or synodal committees

8.4.1 Undergraduate thesis synodal

1. Clarissa Armida Guzman Fuentes. Director: Dr. Antonio Vieyra. “Urbanizaciones cerradas: un nuevo modelo de vivienda en la ciudad de Morelia” Licenciatura en Ciencias Ambientales, UNES, Unidad Morelia, UNAM. 2018-11-27.

8.4.2 Master’s students

b) Thesis synodal

1. Adrián Ortega Iturriaga. Exam secretary. Director: Dr. Michael K. McCall. “Los paisajes de la gente: mapeando usos del suelo, pérdidas, expectativas, miedos y deseos en tres comunidades de Michoacán.” Maestría en Geografía, CIGA, UNAM. 2018-08-27.
2. Hugo Adolfo Márquez Zacarías. Thesis synodal. Director: Dr. Francisco Alejandro García Naranjo. “Movimientos sociales y educación popular en Argentina y México: Un estudio comparado entre los bachilleratos populares y la UNISUR, 2003–2017.” Maestría en Historia, Instituto de Investigaciones Históricas, Universidad Michoacana de San Nicolás de Hidalgo. 2018-02-27.

8.4.3 Doctoral students

a) Tutorial committee

1. Héctor Ignacio Martínez Álvarez. Member of doctoral tutorial committee. Director: Dr. Jaime Osorio. “Los dilemas del marxismo en la geografía latinoamericana. Historia, teoría y política.” Doctorado en Geografía, Instituto de Geografía, UNAM. Began in 2017.
2. María Fernanda Tomasini Padilla. Member of doctoral tutorial committee. Director: Dr. Andrés Boni. “Los Conflictos territoriales y la construcción de contrapoder en las comunidades de Morelos.” Doctorado en Geografía, CIGA, UNAM. Began in 2018.
3. Erandi Maldonado Villalpando. Member of doctoral tutorial committee. Director: Dr. Jaime Paneque-Gálvez. “La innovación social en la construcción de alternativas al desarrollo en territorio zapatista.” Doctorado en Geografía, CIGA, UNAM. Began in 2018.
4. Amauri Sarmiento Rojas. External thesis advisor. Director: Dr. Miguel Eduardo Equihua Zamora. “Diversidad acústica de la Biofonía y degradación del bosque tropical: ¿Cómo los análisis del paisaje sonoro pueden complementar la evaluación de la integridad ecosistémica?” Doctorado en Ciencias, Instituto de Ecología, A.C. Began in 2016.

8.5 Participation in doctoral degree candidatures

1. Héctor Ignacio Martínez Álvarez. Chair of the review committee, with Dr. Andrea Carolina Jiménez Martín and Dr. Verónica Crossa Niell. “Los dilemas del marxismo en la geografía latinoamericana. Historia, teoría y política.” Doctorado en Geografía, Instituto de Geografía, UNAM. 2021-01-22.

9 Distinctions

9.1 Awards

b) International

1. 2007. NASA-MSU Professional Enhancement Award, US Regional Association of the International Association for Landscape Ecology.

9.2 Institutional recognition

a) National

1. 2019 to date. Investigador Nacional Nivel I. Sistema Nacional de Investigadores, Consejo Nacional de Ciencia y Tecnología.
2. 2020 to date. Nivel C. Programa de Primas al Desempeño del Personal Académico de Tiempo Completo, Universidad Nacional Autónoma de México.

9.4 Participation in scientific societies

b) International

1. 2021 to date. Member. Socialist History Society.
2. 2014 to date. Member. Conference of Latin Americanist Geographers.
3. 2012 to date. Member. American Association of Geographers.