

PLANO DE TRABALHO

DISCIPLINA	AMAZON: BIOECONOMY, SUSTAINABILITY AND DEVELOPMENT								
DOCENTE	DANIEL BARCELOS VARGAS								
CÓDIGO	GRDDIRATCI0344	SEMESTRE	2021.2	PERÍODO	-	NATUREZA	ATCE	CARGA HORÁRIA	20h

EMENTA		<p>How to curb deforestation and preserve the most complex and diverse tropical forest in the world? Increasing rates of deforestation in the Amazon have raised global concerns about the future of the most important tropical forest in the world. Scientists have powerfully stressed the mutual dependence between the forest, rainfall and temperature variation, and even the influence of its massive rivers on the Atlantic ocean. Some have argued that deforestation could release a massive amount of carbon in the atmosphere. And many have claimed the urgency of stopping deforestation right away.</p> <p>The course will suggest that a definitive answer to the problem of deforestation requires a new vision about the Amazon and its particular challenges. The Amazon is much more than a stock of carbon or a collection of trees; it is the home of nearly 30 million people (in Brazil), living in more than 700 cities, occupying an area larger than Europe. To understand exactly what “causes” deforestation in the Amazon, it is important to step “into the region” and inquire into the socioeconomic drives for the devastation of the forest and its biodiversity.</p> <p>A significant part of the course will examine and question the “terms of the integration” between the forest and the Amazonians. Focus will be given to “exemplary cases” that capture and reveal leading tensions in different parts of the region: (i) mining development in Pará, (ii) cattle v. extractive economy in Acre, (iii) modern agriculture in Mato Grosso, (iv) welfare of indigenous communities in Roraima, (v) the construction of the Belo Monte Hydropower Plant in Pará, and (iv) the future of the industrial complex in Manaus, Amazonas.</p> <p>The fate of the forest is profoundly integrated with the fate of its people.</p>
OBJETIVOS		Develop a deeper understanding of the challenges of “sustainable development” in the Amazon, including environmental, legal and socioeconomic elements.
METODOLOGIA		Exemplary cases will serve as the entrance door for a structured inquiry, based on available data and analyses, on challenges questions affecting the Amazon, as well as for the design of potential solutions to the region.
HABILIDADES Exigência MEC CNE/CES nº 5, 18 de dezembro de 2018	X	Interpretar/aplicar as normas (princípios e regras) do sistema jurídico nacional, observando a experiência estrangeira comparada, quando couber, articulando o conhecimento teórico com a resolução de problemas.
		Demonstrar competência na leitura, compreensão e elaboração de textos, atos e documentos jurídicos, de caráter negocial, processual ou normativo, bem como a devida utilização das normas técnico-jurídicas.
	X	Demonstrar capacidade para comunicar-se com precisão.
		Dominar instrumentos da metodologia jurídica, sendo capaz de compreender e aplicar conceitos, estruturas e racionalidades fundamentais ao exercício do Direito.
	X	Adquirir capacidade para desenvolver técnicas de raciocínio e de argumentação jurídicos com objetivo de propor soluções e decidir questões no âmbito do Direito.
	X	Desenvolver a cultura do diálogo e o uso de meios consensuais de solução de conflitos.
		Compreender a hermenêutica e os métodos interpretativos, com a necessária capacidade de pesquisa e de utilização da legislação, da jurisprudência, da doutrina e de outras fontes do Direito.
		Ter competências para atuar em diferentes instâncias extrajudiciais, administrativas ou judiciais, com a devida utilização de processos, atos e procedimentos.
		Utilizar corretamente a terminologia e as categorias jurídicas.
	X	Aceitar a diversidade e o pluralismo cultural.
		Compreender o impacto da inteligência artificial e das novas tecnologias na área jurídica.
		Possuir o domínio de tecnologias e métodos para permanente compreensão e aplicação do Direito.
		Desenvolver a capacidade de trabalhar em grupos formados por profissionais do Direito ou de caráter interdisciplinar.
	X	Apreender conceitos deontológico-profissionais e desenvolver perspectivas transversais sobre direitos humanos.
		Outras:
CONTEÚDO PROGRAMÁTICO		
AULA	TEMA	
1	The Amazon: nature with people	
2	The method: critical tensions in place	
3	Case 1. Chico Mendes Extractive Reserve: rubber or cattle economy?	
4	Case 2. Manaus Free Trade Zone: development or obsolescence?	
5	Case 3. Belo Monte Dam: environmental externality or ecological disaster?	

6	Case 4. Indigenous communities: civic integration or independent coexistence?
7	Case 5. Mining: problem or opportunity?
8	The future: green prosperity?
CRITÉRIOS DE AVALIAÇÃO	Class participation (20%), 4 reaction papers (1-2 pages each; 10% each), final paper (2.500 words; 40%).
BIBLIOGRAFIA BÁSICA	<p>Cavalcanti, F., Maciel, R., Souza, E., Oliveira, O., & Cavalcante, P. (2018). The 'Chico Mendes' extractive reserve and land governance in the Amazon: Some lessons from the two last decades. <i>Journal of Environmental Management</i> Volume 223, Pages 403-408.</p> <p>Kröger, M. (2020). Deforestation, cattle capitalism and neodevelopmentalism in the Chico Mendes Extractive Reserve, Brazil. <i>The Journal of Peasant Studies</i> Volume 47, Pages 464-482.</p> <p>Possebom, V. A. (2017). Free Trade Zone of Manaus: An Impact Evaluation using the Synthetic Control Method. <i>Revista Brasileira de Economia - RBE, EPGE Brazilian School of Economics and Finance - FGV EPGE (Brazil)</i>, vol. 71(2).</p>
BIBLIOGRAFIA COMPLEMENTAR	<p>Hall, A., & Branford, S. (2012). Development, Dams and Dilma: the Saga of Belo Monte. <i>Critical Sociology</i> 38(6):851-862.</p> <p>Dearnside, P. M. (2017). Brazil's Belo Monte Dam: Lessons of an Amazonian resource struggle. <i>DIE ERDE – Journal of the Geographical Society of Berlin</i>, 148(2-3), 167-184.</p> <p>Pallemaerts, M. (1986). Development, Conservation, and Indigenous Rights in Brazil. <i>Human Rights Quarterly</i>, 8(3), 374-400.</p> <p>Le Tourneau, F. M. (2015). The Sustainability Challenges of Indigenous territories in Brazil's Amazonia. <i>Current Opinion in Environmental Sustainability</i> Volume 14, Pages 213-220.</p> <p>Sonter, L.J., Herrera, D., Barrett, D.J., Galford, G., Moran, C., & Soares-Filho, B. (2017). Mining drives extensive deforestation in the Brazilian Amazon. <i>Nat Commun</i> 8, 1013.</p> <p>Matlaba, J. V., Maneschy, M. C., dos Santos, J. F. & Mota, J. A. (2019). Socioeconomic dynamics of a mining town in Amazon: a case study from Canaã dos Carajás, Brazil. <i>Mineral Economics, Springer;Raw Materials Group (RMG)</i>, vol. 32(1), pages 75-90.</p>