

	<p><b>ANDRÉ SAMPAIO MEXIAS</b> (Dr Sc Geology)</p> <p>Research Center of Mineralogy and Petrology Postgraduate Program of Geosciences Institute of Federal University of Rio Grande do Sul.</p> 
<b>Responsibilities inside the institution</b>	Vice-Director of the Geosciences Institute of UFRGS. Co-ordinator of X-Ray Diffraction Laboratory and Research in Clay Minerals.
<b>Responsibilities inside the consortium</b>	Contact person in UFRGS.
<b>Address, contacts</b>	Institution address Office : Av. Bento Gonçalves 9.500. Bloco 1. Prédio 43113. Sala 206b. Porto Alegre/RS. Phone : + 55 51 33086338 Fax : + 55 51 33087302 E-mail : <a href="mailto:andre.mexias@ufrgs.br">andre.mexias@ufrgs.br</a>
<b>Research focus</b>	Research in Clay Minerals in the Hydrothermal Alteration associated to metal deposits and diagenetic environments associated to oil reservoir. Stable Isotopes in clay minerals and its application in the understanding of fluid evolution.
<b>Teaching experience</b>	<u>Post-graduate level</u> : Hydrothermal Alteration and Metalogeny  <u>Undergraduate level</u> : Clays in diagenesis, Geodesy, Mineral politics and laws, Economic Geology
<b>International experience</b>	Visiting Professor, University of Saint-Etienne, 2007. <u>Research:</u> Poitiers (1993-1994) and 1988.
<b>Regular employment</b>	Associated Professor in UFRGS (since 1986).
<b>Studies</b>	PhD (2000) – UFRGS Master Thesis (1990) – UFRGS
<b>Five selected references and Book section</b>	BONGIOLO, Everton ; PATRIER, Patricia ; <b>MEXIAS, A. S.</b> ; BEAUFORT, Daniel ; FORMOSO, M. L.L. . Spatial and Temporal Evolution of Hydrothermal Alteration at Lavras do Sul/Brazil: Evidence fro Dioctahedral Clay Minerals. Clays and Clay Minerals, v. 56, p. 222-243, 2008.  BONGIOLO, Everton ; Daniela E. Bongiolo ; Paul Sardini ; <b>MEXIAS, A. S.</b> ; Marja Siitari-Kauppi ; GOMES, Marcia Boscato ; FORMOSO, Milton L L . Quantification of Porosity Evolution from Unaltered to Propylitic-Altered

Granites:the C-PMMA Method Applied on the hydrothermal System of Lavras do Sul, Brazil. Anais da Academia Brasileira de Ciências, v. 79, p. 503-517, 2007.

KALKREUTH, Wolfgang ; HOLZ, Michael ; KERN, Márcio ; MACHADO, Giovana ; **MEXIAS, A. S.** ; SILVA, M ; WILLETT ; FINKELMAN, R ; BURGER, H. . Coal Petrology and Chemistry of Permian coals from Paraná Basin: 1. Santa Terezinha, Leão-Butiá and Candiota Coalfields, Rio Grande do Sul, Brazil.. International Journal of Coal Geology, v. 68, p. 79-116, 2006.

**MEXIAS, A. S.** ; BERGER, G. ; GOMES, Márcia e B ; FORMOSO, Milton L L ; DANI, Norberto ; FRANTZ, José Carlos ; BONGIOLO, Everton Marques . GEOCHEMICAL MODELLING OF GOLD PRECIPITATION CONDITIONS IN BLOCO DO BUTIÁ MINE, LAVRAS DO SUL/BRAZIL.. Anais da Academia Brasileira de Ciências, v. 77, n. 3, p. 1-12, 2005.

**MEXIAS, A. S.** ; BONGIOLO, Everton ; GOMES, M. E. ; FORMOSO, Milton L L ; FRANTZ, José Carlos . Alterações Hidrotermais e Mineralizações nas Rochas da Associação Plutano-vulcano-sedimentar da Região de Lavras do Sul-RS. In: Roberto Ianuzzi, José Carlos Frantz. (Org.). 50 Anos de Geologia. Instituto de Geociências. Contribuições. Porto Alegre: Comunicação e Identidade, CIGO e UFRGS, 2007, p. 143-159.