

## 2 - Greenstone Gold Metallogeny

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Instrutor: **K. Howard Poulsen (Consulting Economic Geologist, Canada)**

Local: **Gramado, RS**

Data: **01 e 02 de junho de 2013**

Taxa de Inscrição:

Profissionais de empresas associadas à ADIMB e Acadêmicos: **R\$ 1.600,00**

Profissionais de empresas NÃO associadas à ADIMB: **R\$ 2.100,00**

*Observação: em inglês*

**Conteúdo:** The course will provide a global overview of Precambrian greenstone belts, their stratigraphic-structural architecture and the diversity of styles of gold deposits within them. The metallogeny of these deposits will be discussed in the context of current orogenic, intrusion-related and volcanogenic models of formation as illustrated by the geology of major gold districts worldwide. Although global in scope the course will review generic guidelines for gold exploration which also apply to the Precambrian Shields of South America. The course will be delivered in English over two days as eight modules of material, each approximately 90 minutes long allowing time for questions.

Content of the Course: Module 1: Greenstone Gold Metallogeny Global Overview; Module 2: Greenstone Belt Tectonics; Module 3: Greenstone Belt Metallogeny; Module 4: Greenstone Gold Deposits; Module 5: Laurentia-Baltica Greenstone Gold Districts; Module 6: Southern Abitibi Belt Gold Districts; Module 7: Gondwanaland Gold Districts; Module 8: Exploration Guidelines for Greenstone Gold.

**Perfil do Ministrante:** Howard Poulsen graduated from the University of Waterloo in 1970 with an HBSc in Physics. His initial exposure to mineral deposits was through summer employment in the exploration industry as a geophysical technician for a consulting firm in Thunder Bay. In 1980 he received the first MSc degree in geology granted by Lakehead University where he had been employed for eight years as a research and teaching assistant. His doctoral studies at Queen's University on the geology and metallogeny of the Rainy Lake area were supported by the Ontario Geological Survey. He joined the Mineral Resources Division of the Geological Survey of Canada in 1983 as a regional metallogenist for the southwestern Canadian Shield. While at the Survey he became increasingly involved with the geology of gold deposits, leading the Division's Gold Working Group and its co-operative research program on gold deposits in northern China. Howard left the GSC in 1998 to return to industry as a consulting economic geologist involved in range of ore deposit types, but with an emphasis on geological guidelines for gold exploration worldwide. He specializes in structural aspects of mineral deposits in granite-greenstone settings in which he has global experience. During the period 1998-2010 he served as an adjunct professor at the Department of Geological Sciences and Geological Engineering at Queen's University, Canada where he gave a graduate course on structural geology and mineral deposits for the Mineral Exploration program. He is an active member of the Society of Economic Geologists and is particularly interested in the professional development of young geologists.