

## 11.

**Bibliografia**

- [1] La Rovere, E.L.; Costa, C.V. **Elaboração de Metodologias de Cálculo para Neutralização das Emissões de Gases de Efeito Estufa oriundos da Construção Civil, em atendimento ao Decreto Municipal nº. 27.596, de 15 de fevereiro de 2007**. Relatório do Centro de Estudos Integrados sobre Meio Ambiente e Mudanças Climáticas (CentroClima) – UFRJ. 10 Out 2008.
- [2] IPCC, 2000: **IPCC Special Report: Emissions Scenarios**. Prepared by Working Group III of the Intergovernmental Panel on Climate Change [Nakicenovic, N. and Swart R. (Eds.)]. Cambridge University Press, The Edinburgh Building Shaftesbury Road, Cambridge, England. 570p.
- [3] NOAA, 2010: National Oceanic and Atmospheric Administration
- [4] UNEP/GRID. Disponível em <<http://maps.grida.no/go/graphic/top-20-greenhouse-gas-emitters-including-land-use-change-and-forestry>>. Acesso em 12 de Junho de 2010.
- [5] Cerri, C.C.; Maia, S.M.F.; Galdos, M.V.; Cerri, C.E.P.; Feigl, J.B.; Bernoux, M. **Brazilian Greenhouse Gas Emissions: The Importance of Agriculture and Livestock**. Scientia Agricola (Piracicaba, Brasil), v.66, n.6, p.831-843, Novembro/Dezembro 2009.
- [6] Abu-Zahraa, M.R.M.; Feronb, P.H.M.; Jansenc, P.J.; GoetheeraE.L.V. **New process concepts for CO2 post-combustion capture process integrated with co-production of hydrogen**. international journal of hydrogen energy 34 (2009) 3992 – 4004.
- [7] Montana State University. **Composition of Air**. Disponível em <[www.montana.edu/ecology/courses/biol404/oxygenlect.doc](http://www.montana.edu/ecology/courses/biol404/oxygenlect.doc)>. Acesso em 22 Jul 2010.
- [8] Kanniche, M.; Gros-Bonnivard, R; Jaud, P.; Valle-Marcos, J.; Amann, J.M.; Bouallou, C. **Pre-combustion, post-combustion and oxy-combustion in thermal power plant for CO2 capture**. Applied Thermal Engineering 30 (2010) 53–62.
- [9] Hoffman, D. **New “Jelly Pump” Rewrites Carbon Cycle**. Disponível em <<http://www.theresilientearth.com/?q=content/new-jelly-pump-rewrites-carbon-cycle>>. Acesso em 10 de Out de 2009.

- [10] Chan, C.W.; Tontiwachwuthikul, P. **A Decision Support System for Solvent Selection of Co2 Separation Processes**. Energy Convers. Mgmt Vol. 37, Nos 6-8, pg. 941-946, 1996.
- [11] Atchariyawut, S.; Jiratananon, R.; Wang, R. **Separation of CO2 from CH4 by using gas–liquid membrane contacting process**. Journal of Membrane Science 304 (2007) 163–172.
- [12] Rushing, S. A. **Carbon Dioxide – food industry applications and usage**. Disponível em <<http://www.biofuelsdigest.com/blog2/2008/09/26/carbon-dioxide-food-industry-applications-and-usage/>>. Acesso em 28 Set.2009.
- [13] Jacobs, R. **Caffeine and The Bean**. Disponível em <<http://www.ineedcoffee.com/99/decaf/>>. Acesso em 28 Set. 2009.
- [14] Ciani, M.; Beco, L.; Comitini, F. **Fermentation behaviour and metabolic interactions of multistarter wine yeast fermentations**. International Journal of Food Microbiology 108 (2006), pg 239 a 245.
- [15] Jackson, R. S. **Wine Science: Principles, Practice, Perception**. California, EUA. Ed. Academic Press, 2000.
- [16] FISPQ P-4574-H: **Ficha de Informações de Segurança de Produtos Químicos – CO2 Gasoso**. Disponível em <<http://www.whitemartins.com.br/site/catalogo/fispq/P4574H.pdf>> Acesso em 21/3/2010.
- [17] FISPQ P-4573-A: **Ficha de Informações de Segurança de Produtos Químicos – CO2 Líquido**. Disponível em <<http://www.whitemartins.com.br/site/catalogo/fispq/P4573A.pdf>> Acesso em 21/3/2010.
- [18] Jing, H.; Subramaniam, B. **Exothermic oxidations in supercritical CO2: effects of pressure-tunable heat capacity on adiabatic temperature rise and parametric sensitivity**. Chemical Engineering Science 58 (2003) 1897 – 1901.
- [19] IPCC, 2005: **IPCC Special Report on Carbon Dioxide Capture and Storage**. Prepared by Working Group III of the Intergovernmental Panel on Climate Change [Metz, B., O.Davidson, H.C. Coninck, M. Loos, e L.A. Meyer (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, 442p.

- [20] Wright, V. C. **Laser surgery: using the carbon dioxide laser**. Canadian Medical Association Journal, Vol. 126. Maio de 1982.
- [21] Ghoo, B.y.; Keum, Y.T.; Kim, Y.S. **Evaluation of the mechanical properties of welded metal in tailored steel sheet welded by CO2 laser**. Journal of Materials Processing Technology 113 (2001) 692-698.
- [22] Miranda, R.M. **Structural analysis of the heat affected zone of marble and limestone tiles cut by CO2 laser**. Materials Characterization 53 (2004) 411 – 417
- [23] Inmetro **Mudança no programa de avaliação da conformidade de extintor de incêndio**. Disponível em <<http://www.inmetro.gov.br/imprensa/releases/extintor.asp>> Acesso em 21/3/2010.
- [24] U.S. Environmental Protection Agency. **Carbon Dioxide as a Fire Suppressant: Examining the Risks**. Report EPA430-R-00-002, Fevereiro 2000.
- [25] Mig Welding. **MIG Welding Gas Review**. Disponível em <<http://www.mig-welding.co.uk/welding-gas.htm>> Acesso em 25 Out 2009.
- [26] Marentis, R.; James, K. **Processing Pharmaceuticals With Supercritical Fluids**. 4<sup>th</sup> Brazilian Meeting on Supercritical Fluids EBFS 2001.
- [27] Korzenski, M.B.; Xu, C; Baum, T.H. **Supercritical Carbon Dioxide: The Next Generation Solvent For Semiconductor Wafer Cleaning Technology**. Advanced Materials Technology, Inc., Materials Lifecycle Systems Division, 7 Commerce Drive, Danbury, CT 06810
- [28] Blom, T.J; Straver, W.A.; Ingratta, F.J.; Khosla, S.; Brown, W. **Carbon Dioxide In Greenhouses**. Ontario Ministry of Agriculture Food & Rural Affairs. Publicado Originalmente em 12/02 e revisado em 08/09. Disponível em < <http://www.omafra.gov.on.ca/english/crops/facts/00-077.htm> > Acesso em Fev 2010.
- [29] Tayer, R.H. **Carbon Dioxide Enrichment Methods**. Hydroponic Society of America. Disponível em <[http://www.hydrofarm.com/articles/co2\\_enrichment.php](http://www.hydrofarm.com/articles/co2_enrichment.php)>. Acesso em 13 Fev 2010.

- [30] Safe Environment. **'Algae Biodiesel' – Tremendous potential for next-generation Green Energy**. Disponível em <<http://saferenvironment.wordpress.com/2008/10/03/algae-tremendous-potential-for-next-generation-green-energy-%E2%80%93-%E2%80%98algae-biodiesel%E2%80%99/>>. Acesso em 02 de Jun 2009.
- [31] Randerson, J. **Oil refinery gives greenhouses a boost with CO2 pipeline**. The Guardian, 12 Ago 2006. Disponível em <<http://www.guardian.co.uk/science/2006/aug/12/oilandpetrol.food>>. Acesso em 27 Set 2009.
- [32] Schenk, P.M.; Thomas-Hal, S.R.; Stephens, E.; Marx, U.C.; Mussnug, J.H.; Posten, C.; Kruse, O.; Hankamer, B. **Second Generation Biofuels: High-Efficiency Microalgae for Biodiesel Production**. *Bioenerg Res* 2008, 1:20-43.
- [33] Bradley, R.T. **Carbon Dioxide Injection System Brings New Life to Old Fields**. The American Oil & Gas Reporter. Março 2001.
- [34] Ravagnani, G.; Ligerio, E.L.; Suslick, S.B. **CO2 sequestration through enhanced oil recovery in a mature oil field**. *Journal of Petroleum Science and Engineering* 65 (2009) 129–138.
- [35] NETL (National Energy Technology laboratory). **Carbon Sequestration Through Enhanced Oil Recovery**. U.S. Department of Energy. Office of Fossil Energy. Disponível em <[www.netl.doe.gov/publications/factsheets/program/Prog053.pdf](http://www.netl.doe.gov/publications/factsheets/program/Prog053.pdf)>. Acesso em 08 Mar 2010.
- [36] Schüffner, C. **CO2 desafia a Petrobras no pré-sal**. Valor Econômico, publicado dia 01 Dez 2009. Disponível em <<http://www.abin.gov.br/modules/articles/article.php?id=5279>>. Acesso em 11 Jul 2010.
- [37] Rocha, P.S. **Onshore and Offshore CO2-EOR: Petrobras Experience and Perspectives**. Rio Pipeline Conference 2009. 23 Set 2009.
- [38] Dino, R.; Le Gallo, Y. **CCS Project in Recôncavo Basin**. *Energy Procedia* 1 (2009) 2005–2011
- [39] Bachu, S.; Adams, J.J. **Sequestration of CO2 in geological media in response to climate change: capacity of deep saline aquifers to**

- sequester CO<sub>2</sub> in solution.** *Energy Conversion and Management* 44 (2003) 3151–3175.
- [40] van Bergen, F.; Gale, J.; Damen, K.J.; Wildenborg, A.F.B. **Worldwide selection of early opportunities for CO<sub>2</sub>-enhanced oil recovery and CO<sub>2</sub>-enhanced coal bed methane production.** *Energy* 29 (2004) 1611–1621.
- [41] Statoil. **Carbon storage started on Snøhvit.** Disponível em <<http://www.statoil.com/en/NewsAndMedia/News/2008/Pages/CarbonStorageStartedOnSnøhvit.aspx>>. Acesso em 17 de Mar 2010.
- [42] Nakajima, Y.; Shirota, H.; Kojima, R.; Yamane, K.; Aya, I.; Namie, S. **Simulating Experiments of CO<sub>2</sub> Ocean Storage with a Large Highpressure Tank.** *Greenhouse Gas Control Technologies, Volume II.* M. Wilson, T. Morris, J. Gale, K. Thambimuthu (Eds.). 2005. Editora Elsevier.
- [43] Haugan, P.M. **Impacts on the Marine Environment from Direct and Indirect Ocean Storage of CO<sub>2</sub>.** *Waste Management, Vol. 17, No. 5/6,* pp. 323–327, 1997. Editora Elsevier.
- [44] Baciocchi, R.; Costa, G.; Poletini, A.; Pomi, R. **Carbonation of stainless steel slags at mild operating conditions.** *Processes and Technologies for a Sustainable Energy, Ischia, 27 a 30 Jun 2010.*
- [45] Vanema, E.; Antão, P.; Østvik, I.; Comas, F.D.C. **Analysing the risk of LNG carrier operations.** *Reliability Engineering and System Safety* 93 (2008) 1328–1344.
- [46] Silva, B.G.; Pires, L.F.G.; Motta, L. **Análise das Variáveis Relacionadas ao Projeto de Operação de Oleodutos com Coluna Cheia.** *Rio Pipeline Conference 2007, 02-04 Out. Paper IBP1149\_07.*
- [47] Mott, R.W.; Woods, A.W. **A model of overturn of CO<sub>2</sub> laden lakes triggered by bottom mixing.** *Journal of Volcanology and Geothermal Research* 192 (2010) 151–158
- [48] Svensson, R.; Odenberger, M.; Johnsson, F.; Stromberg, L. **Transportation Infrastructure for CCS - Experiences and Expected Development.** *Greenhouse Gas Control Technologies, Volume II - 2005* Elsevier Ltd.

- [49] Vandeginste, V.; Piessens, K. **Pipeline design for a least-cost router application for CO<sub>2</sub> transport in the CO<sub>2</sub> sequestration cycle.** International Journal of Greenhouse Gas Control 2 (2008) 571 – 581.
- [50] Brondel, D.; Edwards, R.; Hayman, A.; Hill, D.; Mehta, S.; Semerad, T. **Corrosion in the Oil Industry.** Oilfield Review, Volume 6, Edição 2. Publicado em 03 Jan 1994.
- [51] Dooleya, J.J.; Dahowskib, R.T.; Davidsonb, C.L. **Comparing Existing Pipeline Networks with the Potential Scale of Future U.S. CO<sub>2</sub> Pipeline Networks.** Energy Procedia 1 (2009) 1595–1602.
- [52] Parfomak, P.W.; Folger, P. **Pipelines for Carbon Dioxide (CO<sub>2</sub>) Control: Network Needs and Cost Uncertainties.** CRS Report for Congress RL34316. 10 Jan 2008.
- [53] Koukouzas, N.; Typou, I. **An assessment of CO<sub>2</sub> transportation cost from the power plants to geological formations suitable for storage in North Greece.** Energy Procedia 1 (2009) 1657–1663
- [54] Ferus, Inc. **KeySpan and Ferus Announce Start-up of New Liquid CO<sub>2</sub> Facility at Rimbey.** Disponível em <<http://www.ferus.ca/titanweb/ferus/webcms.nsf/AllDoc/371ED9A996576215852572BF0062F6B8?OpenDocument>>. Acesso em 2 Jul 2010.
- [55] Canadian Business. **Ferus Inc. opens new CO<sub>2</sub> liquefaction facility.** Disponível em <[http://www.canadianbusiness.com/markets/cnw/article.jsp?content=20100616\\_100502\\_3\\_cnw\\_cnw](http://www.canadianbusiness.com/markets/cnw/article.jsp?content=20100616_100502_3_cnw_cnw)>. Acesso em 2 Jul 2010.
- [56] Seevam P.N. Entrevista concedida ao autor. Rio de Janeiro, 23 set. 2009.
- [57] Pipeline Studio. **Pipeline Studio User's Guide.** Energy Solutions International. 2009.
- [58] Stoner Pipeline Simulator. **Stoner Pipeline Simulator (SPS) 9.6. Help and Reference.** Advantica, Inc. 2007.
- [59] Enconman, 2004: **CO<sub>2</sub> sequestration in Ontario, Canada. Part II: cost estimation.** A. Shafeen, E. Croiset, P.L. Douglas, I. Chatzis. Department of Chemical Engineering, University of Waterloo, 200 University Avenue West, Waterloo, Ont., Canada N2L 3G1

- [60] Peng, D.Y.; Robinson, D.B. **A New Two-Constant Equation of State.** Industrial & Engineering Chemistry Fundamentals, Vol. 15, No. 1, 1976 pg 59-64.
- [61] Mitsubishi Heavy Industries: **Feasibility Study on CO2 EOR of White Tiger Field in Vietnam.** Third Annual DOE Conference on Carbon Capture and Sequestration, Alexandria, VA, May 3-5, 2004.
- [62] Brown, D. **Vietnam Finds Oil in the Basement.** American Society of Petroleum Geologist - Explorer Magazine. Fev. 2005. Disponível em <<http://www.aapg.org/explorer/2005/02feb/vietnam.cfm>>. Acesso em 21 Mar 2010.
- [63] Furley, S.J.S.; Carvalho, L.D.C. **Requisitos de Projeto para um Carboduto.** Rio Pipeline Conference 2007 02-04 Out 2007. código IBP1473\_07.