BACKGROUND INFORMATION

for

Ferronickel Production

and

Alkali activation of C&DW

for

Applied Process and Product Optimization

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1. Background information

Optimized Ferronickel (FeNi) production with emphasis on process footprint reduction

Scientific papers

1. Main


2. General


3. Metallurgy


4. LCA


5. Biochars – Renewable Energy


Books
https://www.elsevier.com/books/materials-handling-in-pyrometallurgy/unknown/978-0-08-040414-1
https://www.amazon.co.uk/Proceedings-Metallurgical-Canadian-Institute-Metallurgy-ebook/dp/B01E3ETI2E/ref=sr_1_1?s=books&ie=UTF8&qid=1529924269&sr=1-1&keywords=Nickel+Pyrometallurgy
https://www.amazon.co.uk/Copper-Nickel-Converters-R-Johnson/dp/0895201372/ref=sr_1_4?s=books&ie=UTF8&qid=1529924269&sr=1-4&keywords=Nickel+Pyrometallurgy
https://www.amazon.co.uk/Pyrometallurgy-87-Symposium-Proceedings-Warner/dp/0900488972/ref=sr_1_fkmr0_2?s=books&ie=UTF8&qid=1529924269&sr=1-2-fkmr0&keywords=Nickel+Pyrometallurgy
https://www.amazon.co.uk/Extraction-2018-Proceedings-Conference-Extractive/dp/3319950215/ref=sr_1_fkmr0_3?s=books&ie=UTF8&qid=1529924269&sr=1-3-fkmr0&keywords=Nickel+Pyrometallurgy

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https://www.ifc.org/wps/wcm/connect/469da18048855b7f891c3db6a6515bb18/nickel_PPAH.pdf?MOD=AJPERES
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http://www.pyrometallurgy.co.za/Pyro2006/Papers/127_Mintek.pdf
http://www.mintek.co.za/Pyromet/Cobalt/Cobalt.htm
Videos

https://www.youtube.com/watch?v=vcErfbf2DiY
https://www.youtube.com/watch?v=xp8_UCJTa9k
https://www.youtube.com/watch?v=0jlNqW_w7Fs
https://www.youtube.com/watch?v=8vl4b2pZEys
https://www.youtube.com/watch?v=QywZ5BpyE60
Improved alkali activation of construction and demolition waste (C&DW) for the production of building elements

Journal papers

1. Main


Zaharaki, D., Komnitsas, K. (2016). Valorization of construction and demolition (C&D) and industrial wastes through alkali activation, *Construction and Building Materials*, 121, 686-693, [http://dx.doi.org/10.1016/j.conbuildmat.2016.06.051](http://dx.doi.org/10.1016/j.conbuildmat.2016.06.051)


2. General


3. C&W Management


Books


Websites

https://ore.exeter.ac.uk/repository/handle/10871/33189
https://pdfs.semanticscholar.org/a9a5/bfd76868ad4e8b4e4458d0e5ba87c19d1e81.pdf?_ga=2.188565615.612789449.1529934058-994042994.1529934058

Videos

https://www.youtube.com/watch?v=Kbkk4rKQydw
https://www.youtube.com/watch?v=vnqN_fVYs5g
https://www.youtube.com/watch?v=td-pHgzwxTM
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