



MEMBANGUN PORTOFOLIO RISET DAN INOVASI YANG UNGGUL

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SIAPA SATRIA BIJAKSANA?

- 1983: Mahasiswa ITB (Fisika)
- 1987: Mahasiswa Teladan ITB
- 1988: Anggota Ikatan Alumni ITB
- 1989: Anggota Ikatan Dosen ITB
- 2007: Anggota Ikatan Orangtua Mahasiswa ITB
- 2010: Anggota Majelis Guru Besar ITB
- 2011: Orangtua Presiden KM ITB
- 2012: Anggota Ikatan Orangtua Alumni ITB
- 2012: Anggota Ikatan Orangtua Mahasiswa Pascasarjana ITB
- 2014: Anggota Ikatan Orangtua Alumni Pascasarjana ITB
- 2015: Anggota Ikatan Mertua Alumni ITB
- 2017: Anggota Ikatan Orangtua Dosen ITB
- 2024: Anggota Senat Akademik ITB





**MITRA PENELITI ASING
TERBAIK 2017**

**THERE WILL ALWAYS BE ROCKS IN THE
ROAD AHEAD OF US. THEY WILL BE
STUMBLING BLOCKS OR STEPPINGSTONES;
IT ALL DEPENDS ON HOW YOU USE THEM
(FRIEDRICH NIETZSCHE)**



NEW METRICS



≡ Google Scholar



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[Rock Magnetism](#) [Environmental Problems](#) [Paleoclimate](#) [Geophysics](#)

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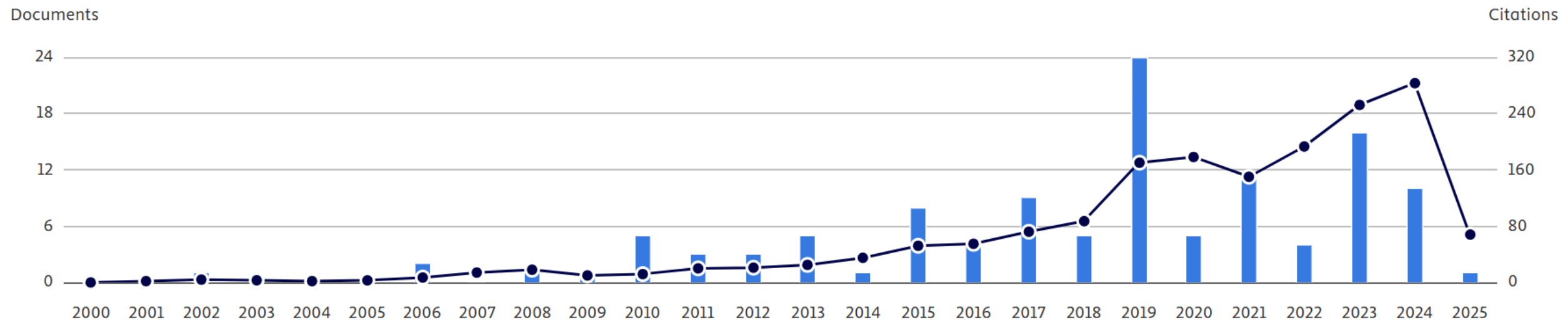
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DUKUNGAN DOMESTIK



WALL OF FAME



RISET: MEMANFAATKAN TANTANGAN MENJADI KESEMPATAN



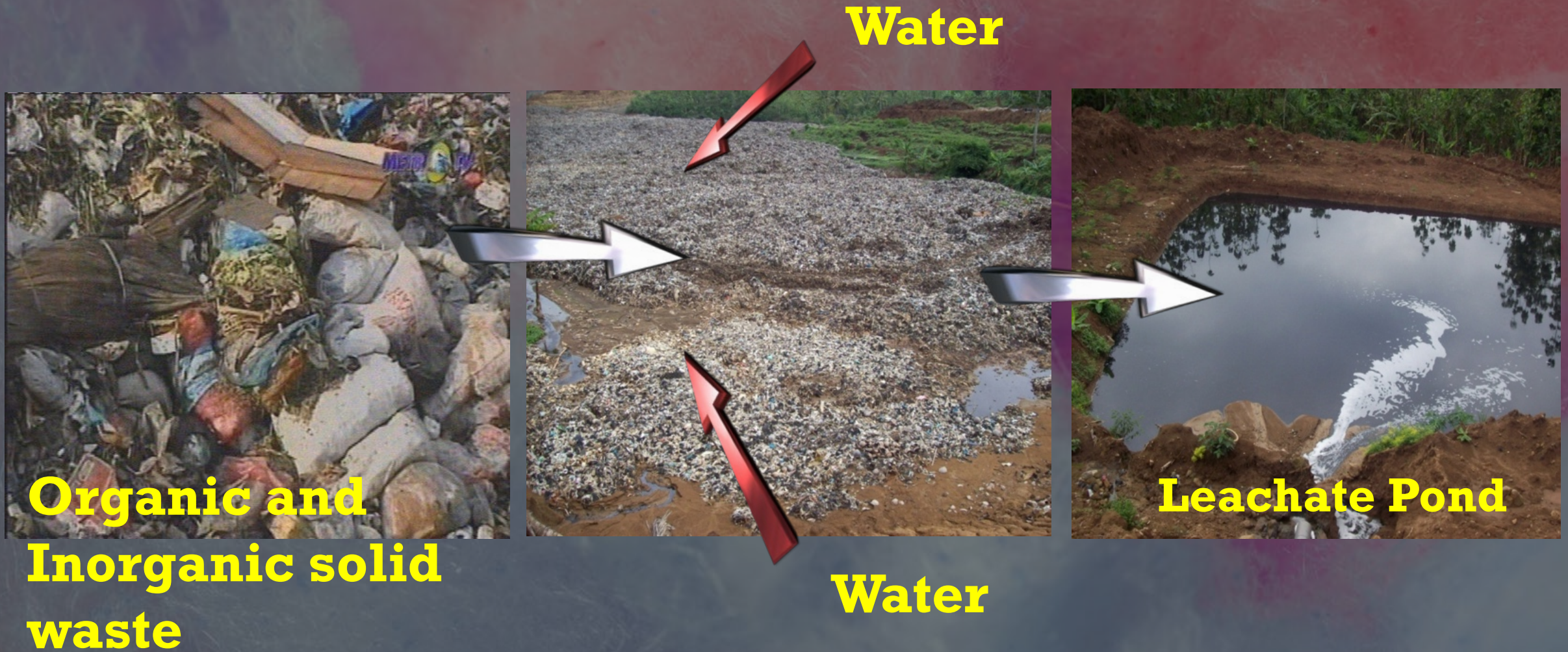
RISET: MEMANFAATKAN TANTANGAN MENJADI KESEMPATAN

What is leachate?

Leachate



Leachate generation



INDONESIA



5°

6°

7°

8°

JAKARTA

TPA Sarimukti

BANDUNG

TPA Jelekong



0 50 100 km

105°

106°

107°

108°

109°

SOIL SAMPLING AT SARIMUKTI



RELATED PUBLICATIONS

Environ Earth Sci (2010) 60:409–419
DOI 10.1007/s12665-009-0184-4

ORIGINAL ARTICLE

Magnetic properties and heavy metal content of sanitary leachate sludge in two landfill sites near Bandung, Indonesia

Satria Bijaksana · Estevanus Kristian Huliselan

Journal of Hazardous Materials 179 (2010) 701–708

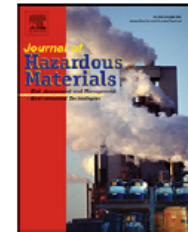
May 2009



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Journal of Hazardous Materials

journal homepage: www.elsevier.com/locate/jhazmat



Scanning electron microscopy and magnetic characterization of iron oxides in solid waste landfill leachate

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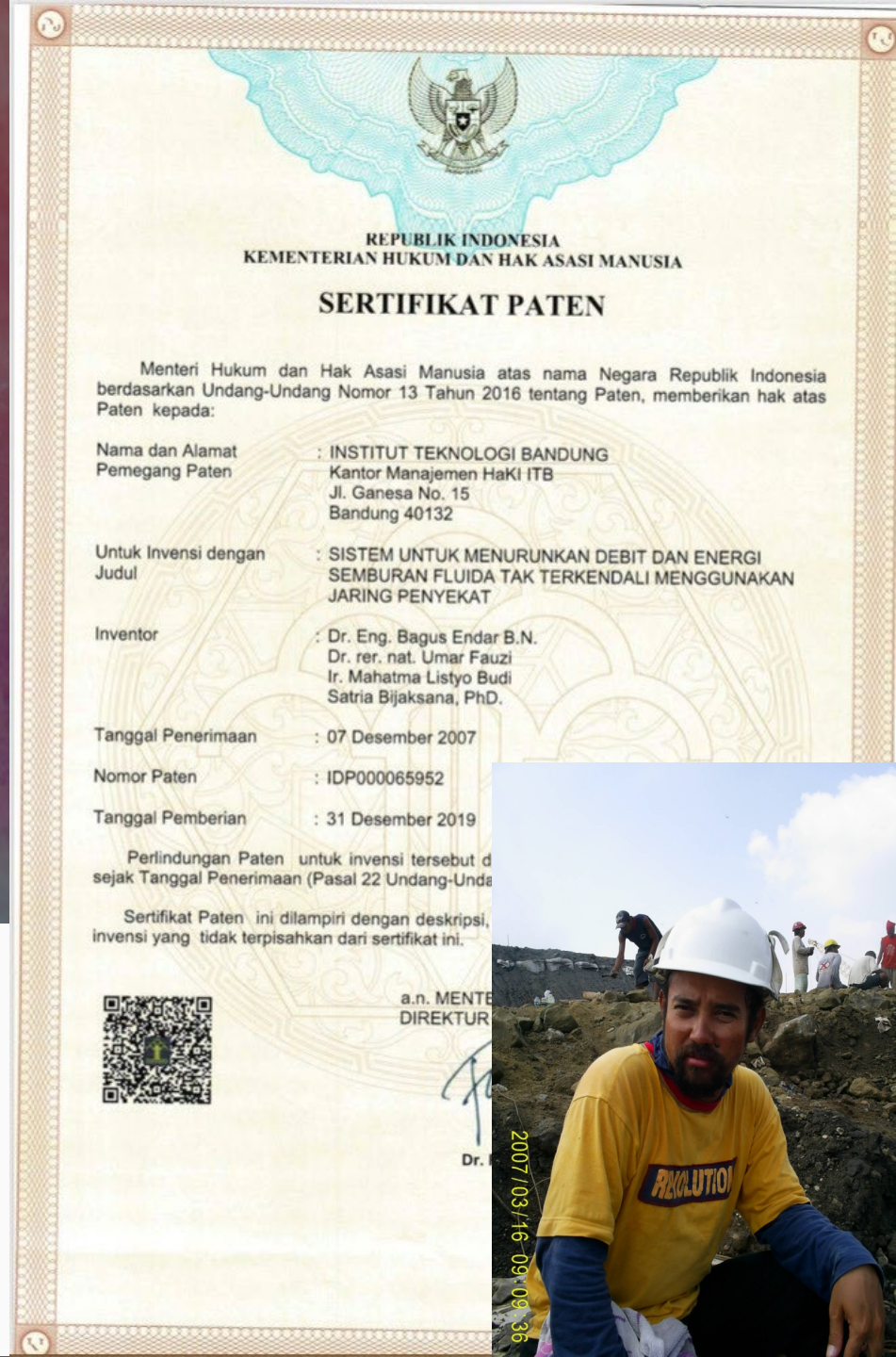
LUMPUR SIDOARJO



Beranda / Berita / Profil

Dosen ITB dalam Penanggulangan Lumpur Lapindo

Jumat, 23 - Maret - 2007, 10:32:42





**BARISAN PARA MANTAN
(MAHASISWA S3)**



SLIDE THAT I NORMALLY SHOW MY STUDENTS



Patrick Blackett
Imperial College
Physics Nobel Laureate in
1948



Ernst Deutsch
Memorial University of
Newfoundland



Satria Bijaksana
Institut Teknologi Bandung



Your Name

DUKUNGAN DUKUNGAN LUAR NEGERI





A 40,000 yr record of clay mineralogy at Lake Towuti, Indonesia: Paleoclimate reconstruction from reflectance spectroscopy and perspectives on paleolakes on Mars

Timothy A. Goudge^{1,2,†}, James M. Russell¹, John F. Mustard¹, James W. Head¹, and Satria Bijaksana³

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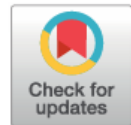
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Journal of Geochemical Exploration

journal homepage: www.elsevier.com/locate/gexplo



Use and validation of magnetic properties for differentiating nickel hyperaccumulators and non-nickel hyperaccumulators in ultramafic regions



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Scientific Drilling
Open Access

The Towuti Drilling Project: paleoenvironments, biological evolution, and geomicrobiology of a tropical Pacific lake

James M. Russell¹, Satria Bijaksana², Hendrik Vogel³, Martin Melles⁴, Jens Kallmeyer⁵, Daniel Ariztegui⁶, Sean Crowe⁷, Silvia Fajar², Abdul Hafidz², Doug Haffner⁸, Ascelina Hasberg⁴, Sarah Ivory¹, Christopher Kelly¹, John King⁹, Kartika Kirana², Marina Morlock³, Anders Noren¹⁰, Ryan O'Grady¹⁰, Luis Ordonez⁶, Janelle Stevenson¹¹, Thomas von Rintelen¹², Aurele Vuillemin⁵, Ian Watkinson¹³, Nigel Wattrus¹⁴, Satrio Wicaksono¹, Thomas Wonik¹⁵, Kohen Bauer⁷, Alan Deino¹⁶, André Friese⁵, Cynthia Henny¹⁷, Imran¹⁸, Ristiyanti Marwoto¹⁷, La Ode Ngkoimani¹⁹, Sulung Nomosatryo⁵, La Ode Safiuddin¹⁹, Rachel Simister⁷, and Gerald Tamuntuan²⁰



**TERIMA
KASIH**