

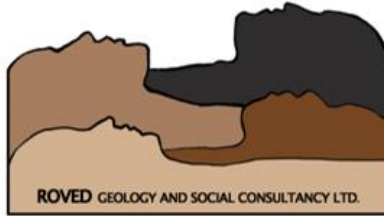
**Dr. Ram BEN-DAVID**  
**Roved Geology and**  
**Social Consultancy Ltd.**  
CV and Professional Expertise  
 April 2021



1	<b>Position</b>	<b>Co-CEO &amp; partner. Engineering Geologist / Hydrogeologist</b>	
2	<b>Name of Firm</b>	Roved Geology and Social Consultancy Ltd.	
3	<b>Name of Manager and professional responsibility</b>	Ram Ben David	
4	<b>Date of Birth</b>	31.3.56	<b>Nationality:</b> Israeli, French
5	<b>Education</b>	<ul style="list-style-type: none"> <li>• <b>PhD.</b> Hebrew U., Jerusalem. (The Institute of Earth Sci.) 2004, The thesis title: "Changes in desert margin environments during the climate change of the Upper Quaternary: Interaction between the drainage systems and the accumulation of dust (loess) and the invasion of dunes at the NW Negev Desert"</li> <li>• <b>M.Sc.</b> - Dep. Geology &amp; Mineralogy, Ben-Gurion U., Beer-Sheva (graduated with honors). 1986-1991, the thesis title: "The geology of the Beerot Oded and western Makhtesh Ramon areas and stages in the evolution of Makhtesh Ramon".</li> <li>• <b>B.Sc.</b> - Earth Sci. Ins., Hebrew U., Jerusalem. 1980-1983</li> </ul>	

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6	<b>Membership of Professional Associations</b>	Israeli Association of Engineers; Geological Soc. Of Israel; Geological Soc. Of London – <b>CGeol.</b>																
7	<b>Other Training</b>	Environmental Impact Assessment (EIA) - under the supervision of Prof. Y. Avnimelech, Technion University, the Division of Continuing Education and External Studies.1996																
8	<b>Countries of Work Experience</b>	Israel, Ghana, Cote d'Ivoire, Liberia, Sri Lanka, Tanzania, Cameroon, Zambia, Uganda, Australia, Kingdom of Jordan, China and many more.																
9	<b>Languages</b>	<table border="1"> <thead> <tr> <th></th> <th><b>Spoken</b></th> <th><b>Reading</b></th> <th><b>Written</b></th> </tr> </thead> <tbody> <tr> <td>Hebrew</td> <td>Native</td> <td>Native</td> <td>Native</td> </tr> <tr> <td>English</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>French</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table>		<b>Spoken</b>	<b>Reading</b>	<b>Written</b>	Hebrew	Native	Native	Native	English	Excellent	Excellent	Excellent	French	Excellent	Excellent	Excellent
	<b>Spoken</b>	<b>Reading</b>	<b>Written</b>															
Hebrew	Native	Native	Native															
English	Excellent	Excellent	Excellent															
French	Excellent	Excellent	Excellent															
10	<b>Employment</b>	1993-Present: Self-employed; Co-GM of Roved Geology and Social Consultancy Ltd.																

## **FEW PUBLICATIONS**

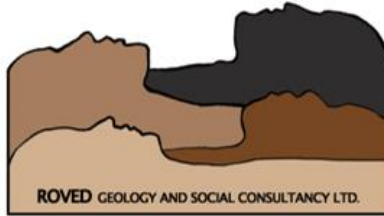
### **Reviewed papers**

Ben-David, R., Kodington, O., & Roded, S. 2018. Shallow Shazar Tunnels Cross section Summary of geological findings as a tool for Continuous engineering design. SASOR, 3<sup>rd</sup> Simp. On Rock. Santiago. Chile

Ben-David, R. 2007. Problems in implementation earthquake hazard geological information in a city master plan – the case of the city of Haifa. 5th National Congress of The Israeli Society of Civil, Structural and Infra-structural Engineers (in Hebrew).

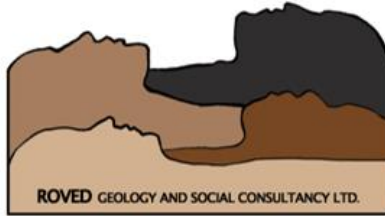
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- Ben-David, R. & Nachmias, D. 2006. Key factors in sustainable planning policy for the dynamic shoreline of Herzliya, central Israel. Engineering geology for tomorrow's cities, the 10th IAEG Congress, Nottingham, United Kingdom.
- Ben-David, R. 2005. Paleoseismology – a major tool for seismic site evaluation. The 4<sup>th</sup> national conference for construction and Infrastructure. The Engineer Organization for Construction and Infrastructure in Israel, p: 298-302 (in Hebrew).
- Ben-David, R. 2004. Problems in defining criteria for an earthquake hazard map – A Case Study: The City of Haifa, Northern Israel. EurEnGeo, 2004, First European Regional IAEG Conference. Liege. 8 p.
- Ben-David, R., Eyal, Y., Zilberman E. & Bowman D., 2000. Fluvial systems response to rift margin tectonics: Makhtesh Ramon area, southern Israel, Geomorphology. Vol. 45, p: 147-163.
- Ben-David, R. & David, D. 1998. Problems along the Israeli Mediterranean Coast (the case of the beach cliffs in the city of Netanya) and ways for improving its stability. 8th Congress of the Association of Engineering Geology and Environment (ENGEOL), Vancouver, p.1545-1550.
- Ben-David, R., 1993. Stages in the Evolution of Landscape in the Makhtesh Ramon and Nahal Neqarot Area - Field Excursion. Is. J. Earth Sci. Vol. 42, No 3-4, p: 189-196.
- Ben-David, R., 1992. The geology of the Beerot Oded and western Makhtesh Ramon areas and stages in the evolution of Makhtesh Ramon. A MSc. Thesis, GIS/32/91, 127 p., in Heb., Eng. abst.
- Ben-David, R., 1992. The Geology and Geomorphology of Har Oded Area. In: Rozen, S. - "The Oded Site Investigations at Two Early Islamic Pastoral Camps in the Central Negev". Beer-Sheva Monograph of the Dep. of Biblical and Ancient Studies, Ben-Gurion Univ. Press.
- Ben-David, R., 1988. Stages in the Evolution of Makhtesh Ramon and its Drainage Pattern. Isr. J. Earth Sci., Vol.: 37, Nos.: 2-3, p: 125-136.
- Ben -David, R., 1987. Stages in the Evolution of Makhtesh Ramon. In: Gerson, R. (ed.): Workshop on Erosion, Transport and Deposition Processes with Emphasis on Semi -Arid and Arid Areas: "Late Cenozoic Morphotectonics and Effects on Climatic Changes in the Negev".
- Ben-David, R. 1988. Geology and geomorphology of the Besor drainage system. In: Livne, A- *The Eshkol district- Landscape survey and reconnaissance*. Natural Res. Auth., p: 21-25. (in Hebrew).

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Ben-David, R., Barqai, G, and Broida, A. 1986. Inside earth like open book. Hed-Hachinuch, Vol.: 60, 86d (in Hebrew).

**Some abstracts from geological meetings**

Palchan D., Coodington J., Ben David R. 2021. Rock mass classification using Q system in the upper Cretaceous bedrock Judea Mts. Isr. Geolo. Soc. Meeting, Yeruham.

Coddington J., and Ben-David R. 2021. Shallow Shazar Tunnels Cross section Summary of geological findings as a tool for Continuous engineering design. Isr. Geolo. Soc. Meeting, Yeruham.

More details will be sent upon request.

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