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**Education and Experience**

Tianlong Deng obtained his BSc, MSc. and Ph.D. from Chengdu University of Technology in 1990, 1993 and 1999, respectively. He worked as postdoctoral fellows in Laurentian University of Canada in 2002 and Chengdu University of Traditional Chinese Medicine in 2003. Now, he is the dean of college of marine science and engineering in Tianjin University of Science and Technology. He obtained academic awards and honors of a Specially-appointed Professor of Tianjin Government in 2009, the Academic Leader of Tianjin Municipal Universities in 2012, a prestigious membership of “A Hundred Talents Plan” of the Chinese Academy of Sciences in 2005 and so on. His research fields include phase equilibria and phase diagrams of salt-water systems, comprehensive utilizations of salt lake resources, thermodynamics of solution chemistry and experimental geochemistry. He received the financial supports from the State Key Program of NNSFC (Grant 20836009), the NNSFC (Grants U1407113, 21276194, 40773045, 40573044 and 40103009), and so on. Now, he is the editorial boards of two international journals, J Appl Chem and Sci World J, and also is the members of 4 Chinese journals. He had published more than 100 peer-reviewed papers in the international journals, and served as a reviewer of 10 journals.

Five Representative Publications

1. Tianlong Deng, Huan Zhou, Xia Chen. 2013. **Salt-water System Phase Diagram and Application**, Beijing: Chinese Chemical Industry Press, pp.326, ISBN 978-7122-17531-1.
2. Tianlong Deng, Chapter 16. Stable and Metastable Phase Equilibria in the Salt-Water Systems, pp.399-430, In: Yitzhak Mastai ed., 2012, **Advance in Crystallization Processes**, Croatia: InTech Publisher, pp. 656, ISBN 979-953-307-878-5.
3. Y.H. Liu, Y.F. Guo, X.P. Yu, S.Q. Wang, T.L. Deng*. 2014. Solid-liquid Metastable Phase Equilibrium in the Five-component System (Li + Na + K + Cl + SO₄ + H₂O) at 308.15 K, **Journal of Chemical Engineering Data**, 59(5): 1685-1691.
4. T.L. Deng*, Y. Wu, X.P. Yu, Y.-W. Chen, N. Belzile. 2014. Seasonal variations of arsenic at the sediment-water interface of Poyang Lake, **Applied Geochemistry**, 47: 170-176.
5. Y.F. Guo, D.L. Gao, H.J. Han, D.L. Shen, S.Q. Wang, T.L. Deng*. 2013, Metastable phase equilibria in the aqueous ternary system (Na₂SO₄ + Li₂SO₄ + H₂O) at 308.15 and 348.15 K, **Fluid Phase Equilibria**, 2013, 358: 56-59.

Candidate Statement

I participated at the 6th conference of ISSLR in 1994, when I was a “young boy”. Since 1994, I have been working in the fields of chemistry and chemical engineering on phase equilibria of salt lake brine systems and the comprehensive utilizations of salt lake resources. I will strengthen the interacting with members of our ISSLR society and look forward to accelerating the development of ISSLR, especially in the fields of chemistry and chemical engineering. I am ready to serve our ISSLR members in the future.