References

AirForce System Commands, Software Abatement AFSC/AFLC Pamphlet 800-45, September 30 1988, Pages 1-28.

Azuma, M., Software products evaluation system: quality models, metrics and processes-International Standards and Japanese Practice, Information and Software Technology Vol. 38 No. 3, March 1996, Pages 145-154

Bell, T. E., Performance Engineering: Doing it "Later" on large projects, CMG Transactions, winter 1987, pages 75-81. In Boehm, Software risk management, IEEE Computer Society Press, Washington, 1989.

Boehm, B. W., Verifying and validating Software Requirements and Design pecifications, IEEE Software, January 1984, pages 75-88. In Barry W. Boehm, Software Risk Management, IEEE Computer Society Press, Washington 1989.

Boehm, B. W., A Spiral Model of Software Development and Enhancement, ACM Software Engineering Notes, August 1986, pages 14-24.

Boehm, B. W., A Spiral Model of Software Development and Enhancement, Computer, May 1988, pages 61-72.

Boehm, B. W. and Belz, F., Applying Process Programming to the Spiral Model, Proceedings of the 4th International Software Process Workshop, May 1988.

Boehm, B. W., Software Risk Management, IEEE Computer Society Press, Washington 1989-a.

Boehm, B. W. and Ross, R., Theory-W Software Project Management Principles and Examples, IEEE Transactions on Software Engineering, Vol. 15 No. 7, July 1989-b, pages 902-916.

Boehm, B. W., Software Risk Management: Principles and Practices, IEEE software, Vol. 8 No. 1, 1991 pages 32-41.

Boehm, B. W. and DeMarco, T., Software Risk Management, IEEE Software, Vol. 14 No. 3 May-June 1997, pages 17-19.

Booch, G., Object-Oriented Analysis and Design second edition, The Benjamin/Cummings Publishing Company, 1994.

Bryan, W. and Siegel, S., Software Product Assurance-Reducing Software Risk In Critical Systems, Computer assurance COMPASS' 88 27 June-1 July 1988, published by IEEE 1988, pages 67-74.

Bustard, D. W. and Greer, D., Enhancing the Soft Systems Methodology with risk Management Techniques, Proceedings of 2nd International Conference on Software Quality Management, Edinburgh, Pages 145-157, July 1994.

Charette, R. N., Software Engineering Risk Analysis and Management, McGraw-Hill, New York, 1989.

Charette, R. N., MacG.Adams, K. and White, M. B., Managging risk in Software Maintenance, IEEE Software Vol. 14 No. 3, May-June 1997, Pages 43-50.

Chee, C. L., Vij, V. and Ramamoorthy, C. V., Using Influence Diagrams for Software Risk Analysis, Proceedings of 7th IEEE International Conference on Tools with Artificial Intelligence, Herndon, VA, USA, 5-8 Nov. 1995.

Chittister, C. and Haimes, Y. Y., Risk Associated with Software Development: A Holistic Framework for Assessment and Management, IEEE Transactions on Systems, Man, and Cybernetics, Vol. 23, No. 3, May/June 1993 Pages 710-723. In Palmer J. D. and Evans R. P., Software Risk Management: Requirement-Based Risk Metrics, Proceedings of IEEE International Conference on System, Man, Cybernetics, San Antonio, TX, USA, 2-5 Oct. 1994.

Chittister, C. and Haimes, Y. Y., Assessment and Management of Software Technical Risk, IEEE Transactions on Systems, Man, and Cyberntics, Vol. 24, No.2, February 1994, Pages 187-202.

Chittister, C. and Haimes, Y. Y., Systems Integration Via Software Risk Management, IEEE Transactions on Systems, Man, and Cybernetics -part A: Systems and Humans, Vol. 26, No. 5, September 1996, pages 521-532.

Crellin, J. and Preece, J., Case Study of Using Different Evaluation Techniques in Small Company, Information and Software Technology, Vol. 33, No. 5, June 1991, pages 366-382.

Devanbu, P. T., Fong, P. W. and Stubblebine, S. G., Techniques for Trusted Software Engineering, Proceedings of the 20th International Conference on Software Engineering, Kyoto, Japan, 19-25- April 1998. Published by IEEE Compt. Soc. USA 1998, Pages 126-135.

Down A., Coleman M. and Absolon P., Risk Management for Software Projects, McGraw-Hill, 1994.

Edgar, J. D., Controlling Murphy How to Budget for Program Risk, Concepts, Summer 1982, pages 60-73. In Boehm, B. W., Software Risk Management, IEEE Computer Society Press, 1998.

Fairley, R., Risk Management for Software Projects, IEEE software, Vol. 11 No.3, May 1994, pages 57-67.

Galitz, W. O., The Essential Guide to User Interface Design, Wiley, 1997.

GAO (General Accounting Office), Embedded computer systems: Significant software problems on C-17 must be addressed, Washington, DC, GAO-IMTEC-92-48, Government Printing Office, May 7, 1992. In Clyde G. Chittister, Yacov Y. Haimes, System Integration Via Software Risk Management, IEEE Transaction on System, Man, And Cybernetics, vol. 26, No. 5 September 1996 pages 521-532.

Gayet, B. E. and Briand, L. C., MATRIX: A Tool for Software risk Analysis and Management, Proceedings of Annual Reliability and Maintainability Symposium (RAMS), Anaheim, CA, USA, 12-17 Jan 1994..

Gemmer, A., Risk Management: Moving Beyond process, IEEE Computer, Vol. 30 No. 5, May 1997, pages 33-43.

Ghezzi, C., Jazayeri, M. and Mandrioli, D., Fundamentals of Software Engineering, Prentice Hall, Englewod Cliffs-New Jersey, 1991.

Greer, D. and Bustard, D. W., Towards on Evolutionary Software Delivery Strategy based on Soft Systtem and Risk analysis, Proceedings of IEEE Symposium on Engineering of Computer Based Systems, Friedrichshafen, Germany, March 1996, Pages 126-133.

Greer, D. and Bustard, D. W., SERUM-Software Engineering Risk: Understanding and Management, Project and Business Risk Management, Winter 1997-a.

Greer, D. and Bustard, D. W., Risk Management-Implicit and Explicit, Proceedings of SEI Conference on Risk Management, Virgina Beach, US, April 1997-b.

Haag, S., Cummings, M., and Dawkins, J., Management Information Systems for The Information Age, McGraw-Hill, USA 1998.

Hajumaa, L. and Tervonene, L., A WWW-based tool for Software Inspection, HICSS-98, Vol. .III, 1998 Pages 379-388.

Hashim, K. "The Japanese Software Factory: Towards Increase InProductivity", Proceedings of International Conference Computer Applications In Industry, Cairo, Egypt, 1995.

Hashim, K. and Keshlaf, A. A., SoftRisk: A Software Risk Management Tool, Proceedings of the international Software Engineering Conference SE' 97, San Francisco-USA, November 1997-a, pages 173-176.

Hashim, K. and Keshlaf, A. A., Software Risk Management: Methods, Tools, and Techniques, Proceedings of National Conference on Research and Development in Computer Science and its Applications REDECS'97, USM, Malaysia pages, 27-29 November 1997-b pages 27-29.

Higuera, R. P and Haimes, Y. Y., Software Risk Management, Software Engineering Institute, Technical report CMU/SEI-96-TR-012, June 1996.

Humphrey, W. S., Sweet, W. L., Edwards, R. K., LaCroix, G. R., Owens, M. F. and Schultz, H. P., A method for Assessing the Software Engineering Capability of Contractors, Technical Report CMU/SEI-87-TR-23 and ESD/TR-87-186, September 1987, Pages 1-40.

Iivari J., Hierarchical spiral model for information system and software development Part 2: design process, Information and software technology, Vol. 32 No 7 1990 pages 450-458.

Jacobson, I., Christeson, M., Jonsson, P. and Overgaard, G., Object-Oriented Software Engineering- A use Case Driven Approach, Addison-Wesley, USA, 1992.

Johnson and Chaos, J., The dollar drain of IT project failures. Applic. Det. Trends Vol. 2 No. 1,1995 pages 41-47. In Keil M., Cule P. E., Lyytinen K., Schmidt R. C., A framework for identifying software project risks, Association for Computing Machinery Communications of the ACM, Vol. 41 No. 11, Nov 1998, pages 76-84.

Jones, G. W., Software Engineering, WILEY, 1990.

Jones, T. C., Burlington and MA, Assessment and Control of Software Risks, Prentic-Hall, 1993.

Keil, M., Cule, P. E., Lyytinen, K. and Schmidt, R. C., A framework for identifying software project risks, Association for Computing Machinery Communications of the ACM, Vol. 41 No. 11, Nov 1998, pages 76- 84.

Keshlaf, A. A. and Hashim, K., Multimedia: Management of Its Software Risks, Proceedings of the International Conference on Information Technology and Multimedia at UNITEN (ICIMU'98), Malaysia, 1998, Pages SP2-1 - SP2-4.

Keshlaf, A. A., Hashim, K. and Kasirun, Z. M., Practices in Managing Software Engineering Risks, Accepted for presentation in World Engineering Congress WEC99 conference, 19th-22nd July 1999.

Kitchenham, B. and Linkman, A., Estimates, Uncertainty, and risk, IEEE Software, Vol. 14 No. 3 May-June1997, Pages 69-74.

KnowRisk, KnowRisk: Reduce IT Risk!, Information Technology Risk Management Service, http://www.projectexperts.com/knowrisk.htm , Goff Associates ,1997.

Kontio, J., Riskit: A method for Software Risk Management, http://www.cs.umd.edu/~jkontio/Riskit.html , 1996.

Lyu, M. R., Yu, J. S., Kermidas, E. and Dalal, S. R., ARMOR: Analyzer for Reducing Module Operational Risk, Proceedings of Twenty-Fifth International Sympusium on Fault-Tolerant Computing, Digest of Papers, Pasadena, CA, USA, 27-30 June 1995, Published by IEEE computer Soc. Press, 1995, pages 137-142.

Madachy, R., Knowledge-based risk assessment and cost estimation, Proceedings KBSE'94 Ninth Knowledge-Based Software Engineering Conference, Monterey, CA, USA, 20-23 Sept. 1994.

Marciniak, J. J., Encyclopedia of Software Engineering, Vol. 2, A Wiley-Interscience publication, 1994, pages 1091-1106.

Matsumoto, Y., Software factory: An Overall Approach to Software Production, Software Reusability, IEEE publication, 1987.

Mayrhauser, A., Software Engineering methods and management, Academic Press, 1990.

NASA Lewis Research Center, Software Risk Management Database, Http://www.osma.lerc.nasa.gov/srmd/, August 1997.

Novara, F., Bertaggia, N. and Allamanno, N., Usability Evaluation and FeedBack to Designers – An Experimental Study, Proceedings of the second IFIP conference on Human- Computer Interaction ITERACT '87, University of Stuttgart, Federal Republic of Germany, 1-4 September 1987.

Ould, M. A., Strategies for software Engineering The Management of risk and quality, WIELY, 1990.

Palisade, Guide to using @Risk: Risk Analysis and Simulation tool for louts 1-2-3, Palisade Corporation, http://www.palisade.com , 1996.

Palmer, J. D. and Evans, R. P., Software Risk Management: Requirement-Based Risk Metrics, Proceedings of IEEE International Conference on System, Man, Cybernetics, San Antonio, TX, USA, 2-5 Oct. 1994.

Peschel, A., Implementing Risk Management A program Office Perspective, Proceedings of NSIA Software Risk Management Conference, Sept. 1987. In Boehm, Software Risk Management, IEEE 1989.

Plant, R. T., Factors in Software Quality for Knowledge-based Systems, Information and System Technology, Vol. 33, No. &. September 1991, Pages 527-536.

Plant, R. T. and Tsoumpas, P., A Survey Of Current Practice In Aerospace Software Development, Information and Software Technology ,Vol. 37 No. 11 November, 1995, pages 623-636.

Platinum, PLATINUM Paradigm Plus methods manual, PLATINUM Technology, 1996.

PMI (Project Management Institute), A Guide to Project Management Body of Knowledge, http://www.pmi.org/publictn/pmboktoc1.htm, 1996.

Pressman, R. S., Software A Practitioner's Approach Forth Edition, McGRAW-HILL, 1997.

Rakos, J. J., Software Project Management for small to medium sized Projects, 1990.

Redmill, F. J., Considering quality in the management of software-based development projects, Information and Software Technology, Vol. 32 No. 1 January/February 1990, pages 18-22.

Romano, J. J. and Palmer, J. D., TBRIM: Decision Support for Validation/Verification of Requirements, Proceedings of IEEE International Conference on System, Man, and Cybernetics SMC'98, San Diego, USA, October 11-14, 1998, Pages 2489-2494.

Schach, S. R., Software Engineering with JAVA, McGraw Hill, Singapore, 1997.

Schach, S. R., Software Engineering, Aksen publisher, USA, 1990.

Sellappan, P., Risks of Software Failures, Malaysian Journal of Computer Science, Vol. 8 No. 1, Jun 1995 pages 160-168.

Sherer, S. A., The Three dimensions of Software Risk: Technical, Organisational, and Environmental, Proceedings of the Twenty-Eighth Annual Hawaii International Conference on System Sciences, Wailea, HI, USA, 3-6 Jan. 1995 published by IEEE Computer, Vol. 3, 1995, pages 369-378.

Sherif, J. S, Metrics for Software Risk Management, Proceedings of Wescon'96, Anaheim, CA, USA, 22-24 Oct. 1996, Published by IEEE, 1996, pages 507-513.

Sisti, F. J. and Joseph, S., Technical report CMU SEI-94-19-019 About Software Risk Evaluation Method Ver 1.0, SEI, December, 1994.

Sommerville, I., Software Engineering, Fifth edition, Addison-Wesley, 1998.

STRA Software Technical Risk Advisor, Center of Software Engineering, University of Southern California, Computer Science Department, Http://sunset.usc.edu/Tools.html 1996.

Tate, G. and Verner J., Case study of risk management, incremental development, and evolutionary prototyping, Information and Software Technology, Vol. 32 No. 3, April 1990, Pages 207-214.

Tilley, S. R. and Muller, H. A., Using Virtual Subsystems in project Management, Proceedings of 6th International Workshop on Computer-Aided Software Engineering, Singapore 12-23 July 1993.

Tran, V. and Liu D., A Risk-Mitigation Model for The Development of Reliable and Maintainable Large-Scale Commercial-Off-The Shelf Integrated Software systems, Proceedings of Annual Reliability and Maintainability Symposium 13-16 Jan. 1997, published by IEEE 1997, pages 361-367.

U.S Army Space & Strategic Defense Command, Software Engineering Division, Risk Assessment and Mitigation Procedure (RAMP) Final Technical Progress Report, 31 January 1995.

Wallace, D. R., Ippolto, L. M. and Cuthill, B., Reference Information for Software Verification and Validation Process, U.S. Department of Commerce, National Institute of Standards and Technology, NIST Special publication 500-234, March 29, 1996,http:// hissa.ncsl.nist.gov/HHRFdata/Artifacts/ITLdoc/234/val-proc.html

Wallmuller, E., Software Quality Assurance a practical approach, Prentice Hall International, 1994.

Wiegers, K., Know your enemy: Software risk management, Software Development, Vol. 6. No. 10, Oct 1998, Pages 38-42.

Wilkie, G., Object-Oriented Software Engineering the professional developer's guide, Addison Wesely, 1994.

Yau C., A Quantitative Methodology for Software Risk Control, Proceedings of IEEE International Conference on System, Man and Cybernetics, San Antonio, Tx, USA 2-5 Oct, 1994, Published by IEEE, 1994.