- Hatfield, J. L. and B. A. Stewart eds. (1992) Limitations to Plant Root Growth (Advances in Soil Science 19). Springer-Verlag, Berlin.
- Development and growth of crop root system (Betty Klepper)
  : introduction, monocotyledonous root system, dicotyledonous root system, needed research.
- Soil environment constraints to root growth (R.W.Zobel): introduction, the rhizosphere environment, root system morphology, root-soil interactions conclusions.
- Root function in water transport (J.M. Baker, J.M. Wraith and F.N. Dalton): introduction, water entry into roots, root function during drought, concluding remarks.
- Wheel-induced soil physical limitations to root growth (W.D. Voorhees): introduction, soil physical limitations to root growth, extent and influence of wheel traffic, root growth, root growth and crop yield, subsoil compaction, conclusions.
- Soil chemical factors limiting plant root growth (C.D.Foy): introduction, soil chemical factors, solving the shallow rooting problems, challenges for future research, summary, acknowledgments.
- Root extraction of nutrients associated with long-term soil management (A. N. Sharpley, J. J. Meisinger, J. F. Power and D. L. Suarez): introduction, effects of long-term soil management on root extraction of nutrients, interaction among management factors, modeling long-term management effects on root extraction of nutrients, conclusions.