

INDEX

- Air flow in vertical drain pipes, 27
Akyurek, Orhan, 41
- Backwater curves, 45
Barnes, B. S., 44
Bed load, 11, 12, 13
Bench marks, 45
- Cheng, T. T., 44
Chinese river control, 43
Coefficient of permeability, 14, 18
Concentration of sediment, 16, 46
Conversion of units, 45
Corners, concrete flume, 42
Crawford, L. C., 44, 45
Critical head, 26, 30, 36, 37, 38
Culverts, hydraulics of, 43
- Darcy formula, 14
Dawson, F. M., 41, 45, 46
Dawson, Miles M., 41
DeLapp, Warren, 18, 41
Deposition of sediment, 9, 46
Detention ratio, 24, 25
Discharge recession curves, 44
Drains, 26, 27
Drop inlet, 26
Dubrow, Morgan D., 41
- Edan, E. W., 46
Entrance loss coefficient, 36
- Fishways, 44
Flood control reservoirs, 23
Forecasting stream flow, 44
Froude number, 39
- Geschiebe, 11
Goodrum, John C., 41
Grease interceptors, 45
- Han River, 42
- Highway hydraulics, 41
Howe, J. W., 42, 45
Hydraulic jump, 41
Hydrology, 42, 44
- I, Fu-Te (now Fu-de), 23
Izzard, Carl F., 41
- Kalinske, A. A., 26, 45, 46, 47
Kennedy, J. C., 46
Koelzer, V. A., 44
Kofoid, Orville, 42
Kruse, Marvin O., 42
Kuo, Hsuan, 42
- Lacey, (stable channel relations), 43
Lane, E. W., 9, 41, 42, 43, 44, 46
Li, Chung-Teh, 43
Lock culverts, 41
Lomax, Claude, 40
Luecker, A. R., 43
- Mavis, F. T., 41, 43
Mechanics of fluids, 45
Merceer, P. L., 44
Models, 45
Muratzade, Enver, 43
- National Association of Master Plumbers, 40
Nemenyi, Paul, 46, 47
- Open channel flow, 45
Orifice, 29
Out flow ratio, 24, 25
Overflow pipes, 26, 27
- Percolation, 14, 18, 20
Pien, C. L., 44
Pipe flow, 45
Plumbing, 45, 46
Posey, C. J., 23, 41, 42, 45

- Reservoirs, 23, 42
Reynolds number, 39
Rouse, Hunter, 14, 41, 45, 46, 47
Runoff characteristics, 44
Runoff from bottom lands, 42
Rice irrigation, 44
- Safety devices, hot water systems, 45
Sampler, 12
Sediment transportation, 9, 46, 47
Settling velocity, 16, 22
Seyham River, Turkey, 41
Silt, 9
Spreading jet, 43
Solids, 9
Stable channel relations, 43
Stream flow forecasting, 44
Suspension of sediment, 10, 14-22, 41,
 46
- Traction, 11
Transitions, 43
Transportation of sediment, 9, 46, 47
Trends in climatological data, 44
Turbulence, 18, 47
- Upward flow, 14-22
U. S. Engineer Office Reports, 48
- Velocity, super critical, 43
- Wachter, W. M., 40
Wash load, 12
Water hammer, 46
Williams, G. R., 44
Wilson, Warren E., 43
Wong, Fa Yao, 43